Historic, Archive Document

Do not assume content reflects current
scientific knowledge, policies, or practices.

SHOUT
SHARE
IT

62.61

THORBURN'S BULBS

LIBRARY

1918

Founded in 1802

J. M. Thorburn & Co.
53 BARCLAY ST. THROUGH TO 54 PARK PLACE
NEW YORK

Foundea 1802

J. M. THORBURN & CO.

SEEDS

AND

BULBS

53 BARCLAY ST. *through to* 54 PARK PLACE

NEW YORK

FOUNDED 1802

Season, 1918

J. M. THORBURN & CO.

CATALOGUE

OF

Bulbs and Flowering Roots, also Flower and Vegetable Seeds for Fall Planting

We have the pleasure of again presenting to our old friends and all interested in Gardening, our **ANNUAL CATALOGUE** of **Bulbs,** etc., for **Fall Planting.**

As this catalogue goes to press we have advices from our growers in Holland that they have made us a first shipment of our Bulbs, and that the remainder will follow later, this first shipment should arrive about the middle of September.

Owing to the great uncertainty of transportation due to the exigencies of the War, some of the Bulbs offered in this Catalogue may be delayed, or not received until too late for planting, and we therefore have to accept orders **SUBJECT TO ARRIVAL ONLY.**

Bulbs may be grown indoors in the winter months, when flowers are most appreciated. By successive plantings a constant supply of blooms can be had from December until May. The finest outdoor displays of the early Spring months are also from bulbs planted in the Autumn. The cultural directions found under the respective headings are worthy of careful attention.

The time taken under ordinary conditions for the different bulbs to form enough roots to enable them to be forced with any kind of success is as follows: Paper white narcissus, 6 to 8 weeks; Roman hyacinths, 8 to 10 weeks; Dutch hyacinths, 14 to 16 weeks; daffodils, jonquils and narcissus, 14 to 16 weeks; lilies such as Harrisii, longi-florum, giganteum, formosum, speciosum, etc., will take at least 16 to 18 weeks. When well rooted remove to where they may be forced at a temperature of about 60°. Of course the time will vary either one way or the other according to the strength of the bulbs.

Our bulbs are all SELECTED FIRST SIZE TOP ROOTS, coming from the best growers, and should not be confounded with the cheap "case" bulbs sent to this country on speculation, and often sold at auction and otherwise, at very low prices.

NAME AND ADDRESS. *We often receive orders with either the name or the address of the sender omitted. As we can do nothing with such orders, the customer thinks his order is being neglected. We therefore beg our correspondents to be careful to write on each order their name and full address.*

ORDERS should be sent as soon as possible after receipt of this catalogue. *The bulbs will be shipped in proper time for planting. They are ready from August to November, according to the time of ripening and the country from which they come.* Orders received earliest are sure of being filled in full. If left too late, the supply of some of the varieties may be exhausted.

Copyright 1918, by J. M. Thorburn & Co.

Please notice that our prices are quoted at the lowest New York figures, and do not include the payment of express charges or postage except for seeds, in packets, ounces or ¼ lbs. on which we pay postage and expressage.

If large quantities are ordered to be sent by mail, add postage at zone rates.

J. M. THORBURN & CO.

53 BARCLAY STREET, through to 54 PARK PLACE, NEW YORK

Name_____

Please forward by_____
(State here if wanted by Express, Freight or Mail)

Post Office_____

Express Office (if different from P. O.)_____

Amount Enclosed, $_____ State_____

Date_____ 191

Messrs J. M. Thorburn & Co. give no warranty, express or implied, as to description, quality, productiveness, or any other matter of any seeds, bulbs or plants they send out, and they will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned.

J. M. THORBURN & CO.

QUANTITY	ARTICLES WANTED	PRICE

QUANTITY	ARTICLES WANTED	PRICE	

Prices, as will be seen upon comparison with others are as low as Highest Grade Bulbs can be sold at, and do not include transportation.

We indicate under each heading of the various Bulbs, the mailing weight when packed, so that if wanted by parcel post, our Customers can determine the amount required to be added for postage according to Zone rate, as per table below.

The weights given are those taken from our stock last year, and may vary in some instances; should there be any difference in weight when orders are filled, the postage will be adjusted, and any amounts overremitted will be returned.

On shipments of 15 lbs. and upwards it is best to send by express, wherever possible, as by special arrangements with the Express Company, bulbs travel at a reduction of about 25 per cent. from regular rates; it is therefore both safer, and, in nearly all cases, cheaper, to send large packages by express instead of by mail.

PARCEL-POST ZONE RATES

Within the United States

Zone	Within	1st lb. or fraction	Additional lb. or fraction
1st	50 mile of N. Y. City	5c	1c
2d	50 to 150 miles of N. Y. City	5c	1c
3d	150 to 300 miles of N. Y. City	6c	2c
4th	300 to 600 miles of N. Y. City	7c	4c
5th	600 to 1,000 miles of N. Y. City	8c	6c
6th	1,000 to 1,400 miles of N. Y. City	9c	8c
7th	1,400 to 1,800 miles of N. Y. City	11c	10c
8th	1,800 and over miles of N. Y. City	12c	12c

Maximum weight, 70 lbs. to 1st, 2d and 3d zones, and 50 lbs. from the 4th zone upward.

Postage on packages under 8 ounces, 1c. for each 2 ounces or fraction; above 8 ounces, Zone rates apply.

Postage to Canada, 12c. per pound or fraction, maximum weight, 4 pounds, 6 ounces.

J. M. Thorburn & Co. give no warranty, express or implied, as to description, quality, productiveness or any other matter of any seeds, bulbs or plants they send out, and they will not be any way responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned.

Please address all orders and remittances to

J. M. THORBURN & CO.

53 Barclay Street through to 54 Park Place

NEW YORK

F. W. BRUGGERHOF, President

Hyacinths

If to be sent by mail add postage at zone rates

The Hyacinth is one of the most popular and beautiful spring flowering plants for indoor and outdoor decoration. By careful management in keeping up a succession, it may be had in flower from the beginning of winter to the end of May. For a spring display in the open ground it is unexcelled. Brilliant effects can be obtained by massing different colors in varieties that grow about the same height, and bloom at the same time. We furnish very large numbers for this purpose o public parks and cemeteries, and we shall be pleased to recommend to anyone suitable sorts, when desired.

OUTSIDE CULTURE In this section, October is the month to plant Hyacinths outside. They succeed best in a light soil and a sunny situation. If the soil is naturally heavy, some sand should be mixed with it, and if the beds have been occupied with other plants throughout the summer, some well-rooted cow manure should be added. The soil should be well dug to a depth of 14 inches, and raised from 2 to 4 inches above the level of the walk. The bulbs should be planted evenly, about 6 inches deep to the bottom of the bulb, and from 6 to 7 inches apart; if planted at uneven depths they will not bloom at the same time, but irregularly. Care must be taken not to press the earth oo firmly around and over the bulbs. Some successful gardeners follow the plan of setting each bulb in a handful of clean sand, which insures proper drainage. After the ground has been frozen in early winter, cover with a few inches of dry litter, evergreen boughs or coarse manure. If this covering be applied before freezing weather, it renders the bulbs liable to the predations of field-mice which may burrow into it.

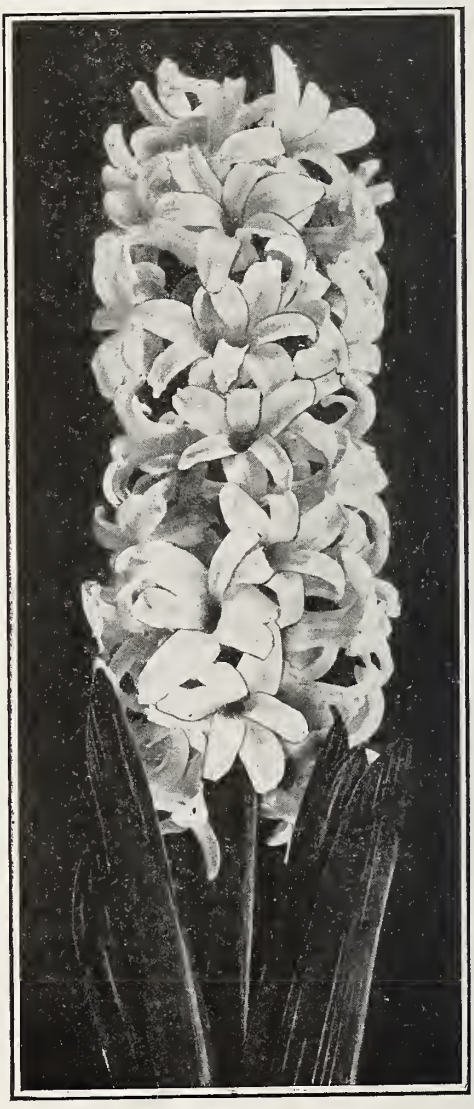
CULTURE IN POTS For growing in pots, large, selected, named varieties should be used. They should be potted singly in 5-inch or 6-inch pots. Three bulbs in a 7-inch pot are very effective. The best potting compost is fibrous loam and manure in about equal parts, with some river sand intermixed. The pots should be filled lightly, and he bulb pressed into the soil so that its base is firmly fixed. About one-third of the bulb should remain above the soil. The pots should then be buried in the open ground to the depth of 6 inches, and left there for five or six weeks, until they are well filled with roots. They may then be taken into the house where the warmth will soon bring them into flower. Where a succession is desired, it is best to pot at intervals from September to the end of November. Plenty of water should be applied, and manure-water is beneficial after the flower-spikes appear.

CULTURE IN GLASSES Single varieties are better adapted for culture in glasses than double ones. The bulb should be placed so that the base is just in contact with the water. Soft rainwater should be used, and a little charcoal might be placed in it to keep it pure. The glasses should be kept in a cool, dark closet for ten or twelve days, until roots are formed, and then exposed to the light and air as much as possible. Do no place them near gaslight. In very cold weather the glasses should be removed from the window, as the bulbs cannot stand frost. The water should never be allowed to freeze, and it should be changed every two or three days.

Customers unacquainted with the different varieties will do well to leave the selection to us, only specifying in their order whether bulbs are wanted for pot, glass or garden culture.

We invite special attention to the assortment of Named Hyacinhts of our selection offered on page 4, and to the Hyacinth Glasses which are quoted at the end of the catalogue.

The names of our Hyacinths and Tulips are those given to them by the originators in Holland, and they are not sold under fancy names manufactured in this country.



Single Red Hyacinth, Gertrude

SELECT NAMED DUTCH HYACINTHS

N. B. Our Select Named Hyacinths are the cream of the Holland nurseries—and are called top-roots—under their original names. For forcing in pots or for outdoor beds they far surpass the class of Bulbs usually sold.

The single-flowered varieties are generally more effective and better for forcing than the double ones. They also, as a rule, succeed better in glasses.

The double varieties that do well for forcing in water are distinguished by two asterisks (**).

All varieties indicated in heavy faced type have ranked first at Exhibitions abroad, producing large and many blooms.

Not less than five of one kind sold at the ten rate.

If to be sent by mail add postage at zone rates—weight 4 lbs. per 10.

Named Single Red, Crimson and Pink Hyacinths

	Each	10
Cardinal Wiseman, bright rose, immense	$0 15	$1 25
Gertrude, bright pink, fine compact spike, one of the best for all in- or out-of-doors	15	1 25

Named Single Red, Crimson and Pink Hyacinths—Continued

If to be sent by mail add postage at zone rates—4 lbs. per 10.

	Each	10
LA VICTOIRE, deep scarlet red, fine spike.	$0 15	$1 25
Lady Derby, bright rose-pink, very large spike	15	1 25
Moreno, deep waxy pink	15	1 25
Robert Steiger, fine deep crimson	15	1 25

Named Double Red, Crimson and Pink Hyacinths

	Each	10
**GROOTVORST, blush, large truss and bells	$0 15	$1 25
Sir Walter Scott, double light rose	15	1 25

Named Single Blush and Pure White Hyacinths

	Each	10
ALBERTINE, pure white, early, fine forcer	$0 15	$1 25
GRANDEUR, A MERVEILLE, rosy white large well-formed spike	15	1 25
LA GRANDESSE, pure white, extra	15	1 25

Named Double Blush and Pure White Hyacinths

	Each	10
BOUQUET ROYAL, pure white	$0 15	$1 25
**La Virginite, blush white, fine forcer	15	1 25

Named Single Blue Hyacinths

	Each	10
GRAND MAITRE, large truss, deep porcelain-blue, extra fine	$0 15	$1 25
KING OF THE BLUES, dark blue, extra large spike	15	1 25
QUEEN OF THE BLUES, light blue	15	1 25

Named Double Blue Hyacinths

	Each	10
**BLOKSBERG, light blue, large spike	$0 15	$1 25
Laurens Koster, fine dark blue	15	1 25

Named Single Lilac and Mauve Hyacinths

	Each	10
LORD BALFOUR, purple, large spike	$0 15	$1 25
Mauve Queen, purple, fine truss	15	1 25

Named Single Yellow and Orange Hyacinths

	Each	10
KING OF THE YELLOWS, bright yellow	$0 15	$1 25
YELLOW HAMMER, golden yellow, good spike	15	1 25

Named Double Yellow and Orange Hyacinths

	Each	10
**Goethe, pale yellow	$0 15	$1 25
Minerva, orange	15	1 25

Single White Hyacinth, Albertine

Collection of Dutch Hyacinths, Our Selection

Postage extra. Mailing weight, 4 lbs.

	Each Collection
No.. 1. 10 Named Hyacinths, for house culture in pots and glasses	$1 00

MIXED DUTCH HYACINTHS in Separate Colors, Extra Quality

LARGEST BULBS. SUITABLE EITHER FOR FORCING OR BEDDING

If to be sent by mail add postage at zone rates—2 lbs. 10; 16 lbs. 100

Our Mixed Hyacinths should not be confounded with the small-sized, low-priced mixtures often sold. Our bulbs are all of the largest size. Being furnished in so many separate colors, splendid bedding effects may be produced with them. They are also admirably adapted for forcing in the greenhouse for winter cut-flowers.

NOT LESS THAN 50 OF A COLOR AT 100 RATE

	10.....100
Single Dark Blue	$0 60 $5 50
Single Light Blue	
Single Blue. All shades	
Single Dark Red	
Single Rose and Pink. All shades	
Single Red. All shades	
Single Pure White	
Single Blush-White	
Single White. All shades	
Single Yellow. All shades	
Single MIXED COLORS	

	10 100
Double Dark Blue	$0 60 $5 50
Double Light Blue	
Double Blue. All shades	
Double Dark Red	
Double Rose and Pink. All shades	
Double Red. All shades	
Double Pure White	
Double Blush-White	
Double White. All shades	
Double Yellow. All shades	
Double MIXED COLORS	

French Roman Hyacinths

Mailing Weight, 2 lbs. per 10

Extensively used by florists for forcing for cut-flowers. For this purpose they are the best and most popular of bulbs. The flowers are delightfully fragrant, and each bulb will throw up from three to four spikes. For forcing, three or four bulbs are generally planted in a suitable pot, in good soil (as recommended for other varieties). The pots must be kept in a cool and dark place until they fill with roots, when the flower-spikes can be rapidly developed by exposure to light and moderate heat. They are very easily grown and extremely early, and by making successive plantings they may be had in flower all through the winter.

	Each	10	100
Pure White. Largest size	$0 15	$1 25	$10 00

TULIPS

If to be sent by mail add postage at zone rates

For beauty of form and brilliancy of coloring, Tulips are unequaled. For bedding they are the most popular and effective of all hardy bulbous plants. In order to assist our customers in selecting varieties of tulips for beds in borders, etc., we give herewith a list of the most popular varieties, in Early, and Late sorts. The height of stem is indicated at "tall" and "medium". The varieties indicated in heavy faced type are choice and are highly recommended. The most gorgeous effects can be produced by harmonious massing of contrasting colors. For pot culture and forcing for winter cut-flowers they are also invaluable.

CULTURE.—The cultural direction given for hyacinths, on page 3, are equally applicable to Tulips, except that the bulbs, being smaller, must not be planted quite so deep. Four inches to the bottom of the bulb is deep enough, and a distance of 5 or 6 inches between the bulbs is sufficient. A little sand around each bulb is generally recommended, but in light, sandy soil this may be dispensed with. To obtain the best results it is desirable that they should not be planted in ground where Tulips were grown the previous year. We recommend early planting so that the bulbs may obtain a good root growth before the frost sets in. For pot culture, a compost of two parts loam to one part light manure, with some sand intermixed, is suitable. From three to five bulbs, according to size, in a 5-inch pot, are very effective. The pots should be buried until the bulbs are well rooted, in the manner recommended for hyacinths. Most of the varieties named below are equally well adapted for pot culture or the open ground.

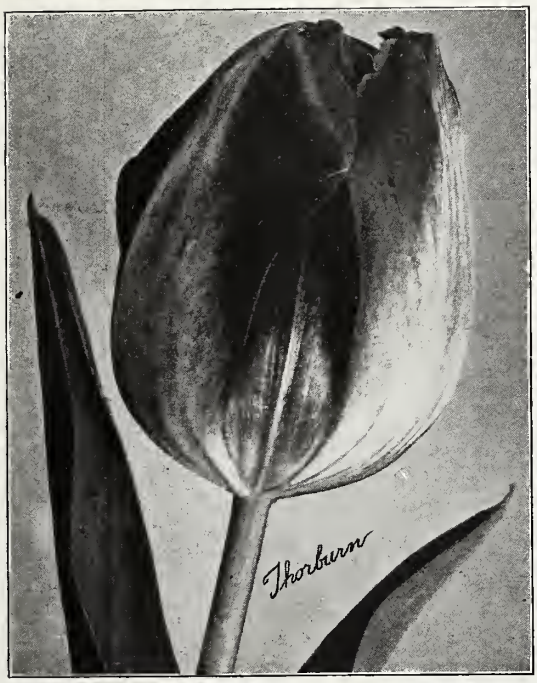
Single Early Tulips

Not less than five of a kind sold, unless otherwise specified; 50 of a kind at 100 rate

If to be sent by mail add postage at zone rates—2 lbs. 10; 9 lbs. 100

A and B indicate seasons of flowering. A and B may be planted to flower about the same time in the open ground; B being a trifle later.

		10	100	1000
A	**Belle Alliance** (Waterloo). Rich scarlet; medium. Fine forcer or bedder	$0 40	$3 50	$30 00
B	**Brutus.** Red and orange; medium	35	3 00	28 00
A	**Chrysolora.** Splendid; pure yellow; medium. Good forcer or bedder	35	3 00	28 00
B	**Cottage Maid.** Beautiful rose, flushed white; medium. For forcing or bedding	35	2 50	24 00



Single Early Tulip, Pink Beauty

SINGLE EARLY TULIPS, continued

If to be sent by mail add postage at zone rates

		10	100	1000
A	**Crimson King** (Roi Cramoisi). Bright crimson; fine; medium	$0 35	$2 50	$22 00
A	**Jenny.** Deep cherry; fine shape; medium	55	4 50	
B	**LADY BOREEL,** purest white, large flower, a grand tulip for exhibition, finest white for bedding; tall	55	4 50	
A	**La Reine.** Rosy white; medium. Fine forcer	35	3 00	25 00
B	**LA GRANDEUR.** Bright scarlet; tall; one of the most beautiful Tulips	40	3 25	28 00
A	**L'Immaculee.** Pure white; medium. Very fine forcer; early	35	2 50	22 00
B	**PINK BEAUTY.** Deep, glowing rose, with white flush outside; very handsome; medium	60	5 00	
A	**PROSPERITY.** Delicate rose-pink; medium	60	5 00	
B	**RISING SUN.** Large flower on all stem. Color, deep golden yellow. Tall, each 35 cts.	3 00		
B	**Rose Gris-de-Lin.** Delicate rose, flushed white, medium. Fine forcer and bedder	35	2 50	
A	**SIR THOMAS LIPTON,** extra brilliant scarlet, a very fine new variety, fine for forcing or bedding; tall	55	4 50	
A.	**White Hawk.** Large; pure white; medium. Fine for forcing	40	3 50	30 00
	MIXED EARLY SINGLE, Thorburn's Special Mixture. Extra choice	25	2 00	19 00

Single Late-Flowering and Cottage Tulips

50 of a kind at 100 rate.

If to be sent by mail add postage at zone rates—
2 lb. 10; 9 lb. 100

These are all tall-growing, May-flowering Tulips with very large, most brilliantly colored flowers of perfect form. They will be found invaluable for garden work. Splendid for cutting rather than for design bedding.

	10	100
Bouton d'Or (Ida). Pure deep yellow; very beautiful; fine for cutting	$0 35	$2 50
Bridesmaid (Maid of Holland) Cherry-rose, flaked white	35	2 50
Gesneriana major Scarlet with blue base; effective in beds; fine for cutting	35	2 50
INGLESCOMBE PINK. Delicate rose-pink	35	2 50
INGLESCOMBE SCARLET. Intense scarlet, black base	40	3 50
INGLESCOMBE YELLOW. Large, globular flowers, glossy canary-yellow. Very handsome, known as the "Yellow Darwin" Tulip; fine for borders and for cutting	45	3 75
Isabella (Blushing Bride, or Shandon Bells). Cream, turning carmine-rose; fine late sort	35	2 50
MOONLIGHT. Large, pale yellow, elongated flower; fine for any outdoor purpose and for late pot culture	75	6 50
Picotee (Maiden's Blush). White with rose edge	35	2 50
Sweet Nancy. White, edged rose	35	2 50
MIXED SINGLE LATE. A fine mixture per 1,000, $19	25	2 00

Single Late Tulip-Picotee

Double Tulips

50 at 100 rate

If to be sent by mail add postage at zone rates—1 lb. 10; 5 lbs. 100

The Double Tulips come into bloom a little later than the single varieties. They are splendid for bedding, and the flowers last longer in bloom than the single ones. Some sorts are quite dwarf. Comparative earliness of flowering is indicated by the letters A, B, C. "Medium" and "tall" indicate relative height.

		10	100
A	**BOULE DE NEIGE.** Large, pure white, fine double flower; medium	$0 35	$2 50
A	**Couronne d'Or.**. Beautiful orange-yellow; large, handsome flower; medium. Fine forcer	60	5 00
B	**Duke of York.** Violet, white border; tall	35	2 50
B	**Gloria Solis.** Scarlet red, yellow bordered	35	3 00
A	**HARLEQUIN.** Pink-feathered carmine, medium	60	5 00
B	**Imperator rubrorum.** Rich crimson-scarlet; early; tall. Fine forcer	55	4 50
B	**La Grandesse.** Deep rose	35	3 00
A	**Murillo.** Blush-white; medium. Fine for forcing; early	35	3 00
B	**Rubra maxima.** Deep red; splendid flower; medium. Early forcer	40	3 50
A	**Tournesol.** Red, yellow edge, earliest; medium	55	4 50
A	" Yellow. Orange-shaded; very early	55	4 50
C	**Yellow Rose.** Pure golden yellow; late-flowering sweet-scented; tall	35	3 00
	MIXED DOUBLE, Thorburn's Special Mixture per 1000, $20	35	2 50

Darwin Tulips

If to be sent by mail add postage at zone rates—1 lb. 10; 6 lbs. 100

Too much cannot be said in praise of this class of Tulip and now that the prices have become moderate, everyone should have them. They excel in brilliancy of color, perfect form of flower, tall, strong stems, splendid for cutting, planted in groups amongst shrubs, and in the perennial border they cannot be surpassed; they are all single and self-colored.

	10	100
CLARA BUTT. Beauti-salmon-rose. Good forcer	$0 35	$2 50
Donders. Dark blood red, blue black and white center	35	2 50
DREAM. Beautiful li-lac	40	3 50
EDMEE. Deep cherry rose, silvery pink edges, beautiful	45	3 75
Edouard Andre. Out-side purple, inside mauve	45	3 75
ERGUSTE. Dark helio-trope, inside violet, white base, very fine	45	3 75
Gretchen	35	2 50
Kate Greenaway. White and lilac	35	3 00
LA TULIPE NOIRE. The finest black tulip, large flower with a velvety sheen; fine form..	60	5 00
Loveliness. Rosy car-mine	35	3 00
Mr. Farncombe San-ders. Scarlet and white	40	3 50
MRS. KRELAGE. Rose pink, tinted llac; large flower	35	3 00
MRS. POTTER PAL-MER. Glowing pur-ple	45	3 75
Nora Ware. Helio-trope; very fine	35	3 00
Pride of Harlem. Old-rose; large flower..	40	3 50
Queen of Roses. Rose; shaded blush; extra	45	3 75

Darwin Tulips

Rev. Ewbank. Heliotrope lilac, with paler edge	40	3 50
Salmon King. Fiery salmon; one of the brightest shades	35	2 50
SUZON. Large buff rose, deeper shade inside, blue base	45	3 75
The Sultan. Glossy maroon-black	35	2 50
White Queen. White passing to pink	35	3 00
W. COPELAND. (Sweet Lavender.) The best Early forcing Darwin Tulip. When forced, color is a delicate lavender, not recommended for outdoors, color in the open is rosy lilac	60	5 00
ZULU. Dark purplish black; fine for borders	60	5 50
MIXED DARWINS.. Self colored Per 1,000 $20	35	2 50

Mixed Tulips

Not less than fifty of a kind at 100 rate. (Mailing Weight 1 lb. 10; 8 lbs. 100)

For bedding. Planted in large masses, these make a magnficent show, and, being inexpensive, should be largely used. Our special mixtures of Early Single and Early Double Tulips are made up of the finest bulbs and the brightest colors. If planted in large beds, they will produce an exceedingly beautiful and lively effect.

MIXED TULIPS—CONTINUED

		10	100	1000
Fine Mixed	**EARLY SINGLE Thorburn's Special Mixture.** Extra choice	$0 25	$2 00	$19 00
" "	**DOUBLE Thorburn's Special Mixture.** Extra choice	35	2 50	20 00
" "	**DARWIN.** Single; late; self-colored. Thorburn's special mixture	35	2 50	20 00
" "	**SINGLE;** late, May-flowering. Thorburn's Special Mixture	25	2 00	19 00

Choice Collections of Tulips, Our Selection

Mailing Weight, 1 lb. 10; 8 lbs. 100

		Collection
No. 1.	**10 Named Early Single Tulips** in 10 varieties, for house culture or bedding	$0 50
No. 2.	**25 Named Tulips,** in 10 varieties	90
No. 3.	**50 Named Tulips,** in 10 varieties	1 75
No. 4.	**100 Named Tulips,** in 10 varieties	3 00

NARCISSUS

NARCISSUS ARE READY FOR DELIVERY IN SEPTEMBER

Narcissus are among the most popular and largely grown of spring-flowering bulbs, and deservedly, too Their exquisite grace, beauty and charm of habit have been immortalized in the poetry of all times. No garden should be without them.

They are all of the easiest cultivation, thriving in almost any soil and situation, and they may be left alone for several years after once being planted. They do best, however, in a deep and somewhat stiff soil, and in a partially shaded position. They are well adapted for planting by the sides of streams, lakes or ponds, and in mixed flower—or shrubbery—borders. They are also suitable for naturalizing in the grass, by the side of woodland walks, or in open spaces between trees and shrubs.

For growing in pots they require about the same treatment as hyacinths, three or four bulbs in a 5 inch pot. Some of the varieties are grown in large numbers by florists for winter cut-flowers. With the exception of the Polyanthus section, they are all perfectly hardy.

Single Narcissus, or Daffodils

ALL LARGEST SIZE BULBS

If to be sent by mail add postage of zone rates as per weights indicated

Large Crown, or Trumpet Narcissus

The varieties belonging to this division have trumpets or crowns that are as long as, or longer than, the perianth segments.

Bicolor

		10	100
Empress.	One of the largest and most beautiful; white perianth and rich golden yellow trumpet An excellent forcer, largest Mother Bulbs. 3 lbs. 10	$0 50	$4 25
Grandis.	White perianth, yellow trumpet; later than Empress 2 lbs. 10	40	3 50
Mrs. Walter T. Ware.	Very free-flowering and early; beautiful golden yellow trumpet, well expanded and frilled at the brim. 2 lbs. 10	65	6 00
Princeps.	Sulphur-yellow perianth and deep yellow trumpet; long, handsome flowers. Valuable for forcing or outdoor culture. A splendid variety. Largest Mother Bulbs. 2 lbs. 10	40	3 50
Victoria.	Creamy white perianth, rich yellow, fluted trumpet. Largest Mother Bulbs. 2 lbs. 10	65	5 50

Yellow

		10	100
Ard Righ (Irish King).	Yellow; very early. Fine forcer 2 lbs. 10	$0 50	$4 50
Emperor.	Large, golden yellow trumpet, deep primrose perianth. One of the best Daffodils for medium and late forcing. It is very free-flowering, with large, solid flowers of great substance. Largest Mother Bulbs 3 lbs. 10	$0 50	$4 25
Golden Spur.	Uniform deep golden yellow. Most popular of the single Narcissus, owing to its earliness and the substance and beauty of its Flowers. Largest Mother Bulbs. 2 lbs. 10, fine forcer	60	5 50
	(Trumpet Major). Pure yellow. The old variety. Earliest forcing		
	Von Sion). Pure yellow; large, expande		

SINGLE NARCISSUS, continued

If to be sent by mail, add postage at zone rates as per weights indicated

Short Trumpet Narcissus

Barri

Narcissus belonging to this group are crosses between yellow Trumpets and Poeticus. The crown usually is not over one-third the length of the perianth

	10	100
ALBATROSS. Perianth white, pale lemon cup frilled and edge glowing orange red, beautiful ..15c each..	$0 65	$5 50
CONSPICUUS.. Broad yellow perianth, broad short cup, edged bright orange-scarlet; very free bloomer	35	3 50
LADY GODIVA. Perianths white cup broad; yellow edged, bright orange-scarlet	45	3 75
Sea Gull. Large spreading white perianth, cup canary, edged apricot; very charming flower	60	5 00

Incomparabilis

These are crosses between the yellow trumpet, and Poeticus, but the crowns are larger than those of the Barri group, sometimes being three-quarters of the length of a perianth segment. The color of the perianth is either yellow or white.

	10	100
Beauty, perianth sulphur, barred yellow, large cup margined orange scarlet. 2 lbs. 10	$0 45	$3 75
Simplex. Single; yellow; Early. Fine for cutting; also for forcing. 2 lbs. 10	35	3 00
Sir Watkin. Perianth sulphur, crown yellow, tinged bright orange. This is still the king of the short-cupped Narcissus, and used more generally and in larger quantities than any other short-cupped variety. Valuable as a cut-flower. Mother Bulbs. 3 lbs. 10	40	3 50
Stella. White perianth, yellow cup. Good forcer. 1 lb. 10	35	3 00

Leedsii

These are crosses between the White Trumpets and Poeticus. The crowns are as large as those of the Incomparabilis group. The perianths are always white; the crowns are mostly white or light yellow.

	10	100
Leedsii Type. Silvery white, lemon cup. 1 lb. 10	$0 35	$3 00
KATHERINE SPURRELL. Broad white perianth, cup canary; large flower of good quality	50	4 50
Minnie Hume (Queen of England). Large white perianth, cup passing from fine lemon to white 1 lb 10	35	3 00
Mrs. Langtry. Pure white perianth, large white cup, edged yellow. Splendid for cutting or naturalizing. 1 lb. 10	35	3 00

Narcissus Poeticus

Varieties belonging to this group always have a pure white perianth. The cups are very short, but wide-mouthed, and always more or less deeply rimmed with orange or scarlet.

	10	100
CLARA VIEBIG. Soft glowing orange cup, pure white perianth	$0 50	$4 50
KING EDWARD. Broad pure white perianth, orange scarlet crown	45	4 25
Ornatus. Perianth pure white, cup yellow, margined scarlet. One of the most popular of all; useful for cut-flowers; very early flowering. Mother Bulbs. 1 lb. 10	40	3 50
Recurvus (The Old Pheasant's Eye). Pure white perianth, scarlet cup; late. 1 lb. 10	35	3 00

Narcissus Poetaz Multiflorus

An altogether new race of narcissus, perfectly hardy; they are crosses between Polyanthus and Poeticus Ornatus, flowering in clusters like Polyanthus Narcissus but without their fragrance.

New Hybrids Between Poeticus Ornatus and Polyanthus Varieties

	10	100
Aspasia. Perianth pure white, yellow eye, large flowers. 2 lbs. 10	$0 40	$3 50
Ideal. Perianth white, dark orange eye. 6 to 7 flowers on a stem. 2 lbs. 10	50	4 50
MIGNON. White perianth, cup creamy white with deep orange scarlet, scarlet edge ..15c each..	1 25	10 00

Various Single Narcissus

	10	100
Single [illegible] Mixed 2 lbs. 10	$0 35	$3 00
..	40	3 [illegible]

If to be sent by mail add postage at zone rates at per weight indicated

Double Narcissus

Double Narcissus, Von Sion

	Each	10	100
Grand Monarque. White with yellow cup; very large flowers; vigorous grower. 2 lbs. 10	$0 10	$0 50	$4 00
Grand Soleil d'Or. Yellow, with orange cup; very free-blooming. 2 lbs. 10	10	75	6 00
Mixed Sorts. 2 lbs. 10		40	3 50

Paper-White Narcissus

	10	100
Paper-white grandiflorus. Large trusses of pure white flowers. Splendid forcer. Large bulbs. Mailing weight 2 lbs. 10, Per 1000, $32	$0 45	$3 50

Jonquils

Not less than 50 of a kind at 100 rate

A class related to the Narcissus, and suitable alike for pot culture or planting out. Culture same as for hyacinths.

	10	100
Single Yellow Sweet - scented. 4 oz. 10 Per 1,000, $15.00	$0 25	$2 00
Large Single (Campernelle). Yellow 8 oz. 10 Per 1,000, $15.00	25	2 00
Alba plena odorata. Pure white; a splendid cut flower; sweet-scented. For outdoors. 1 lb. 10	$0 35	$3 00
Orange Phoenix (Bacon and Eggs.) Large; double; white with orange base. 2 lbs. 10	40	3 50
Sulphur (Silver) Phoenix. Large; double; white with sulphur center. Not good for growing in pots on account of its weak foliage, but a splendid variety for cutting. The flower is rose-shaped and is of a most pleasing silvery white shade. 2 lbs. 10	40	3 50
Tazetta. (Early Yellow Roman.) Earliest yellow for forcing. 2 lbs. 10	40	3 50
Von Sion. The largest double yellow Trumpet variety. Extra fine for forcing; largely grown by florists for winter cut-flowers. Our bulbs are Dutch-grown, of the pure golden yellow variety, and of the largest Mother Bulbs. 2 lbs. 10	65	5 50

Polyanthus Narcissus

The varieties belonging to this class produce small, fragrant flowers growing in clusters. They are invaluable for forcing and may be grown under glass or in pots. If planted in the open border they must be protected over winter by a covering of litter.

	Each	10	100
Bazelman Major. Broad white perianth, deep yellow cup; largest of all. 2 lbs. 10	$0 10	$0 90	$8 00

Paper-White Narcissus

If to be sent by mail add postage at zone rates as per weight indicated

Lilies

For stateliness of habit, beauty or form and variety of coloring, the Lily is without a rival among bulbous plants. Many of the species are delightfully fragrant. Though they may nearly all be called hardy, it is well to protect them against frost in winter by a covering of ashes or litter. They are easily grown and require little care. With the exception of Lilium candidum and Lilium tigrinum, which prefer a deep, rich loam, they all do best in a light, well-drained soil. Some peat or leaf-mold may be used to advantage. Lilium auratum cannot bear manure but thrives in ordinary light soil. They all prefer a partial shade, and the tallest sorts must have protection from high winds. Many of the stronger-growing kinds are well adapted for planting among shrubs. Most of them make splendid conservatory plants. For pot culture, a compost of loam and peat in equal parts, with the addition of some sand, is recommended.

Lilium Harrisii now ready, also those marked "in cold storage"—others not until later.

Lilium Harrisii

(Bermuda Easter Lily)

The Bermuda Easter Lily is perhaps the finest and most popular of winter-blooming plants. The large, handsome, pure white, trumpet-shaped flowers are very sweet-scented and of great substance, lasting a long time after cutting. Its stately and graceful habit renders it a perfect pot-plant for table or window decoration. It gets its popular name from the fact that it is so largely used for church decoration at Easter. It is easily grown and can be forced into flower in a remarkably short time. It requires rich soil but without manure. It is also well adapted to garden culture, but in this latitude the bulbs should have a good covering of ashes or litter to protect them over winter.

	Each	10
7 to 9 inches in circumference (Fairy Isle) 3 lbs. 10	$0 40	$3 50

Lilium Longiflorum (White Trumpet Lily)

This is among the most beautiful and valuable of garden Lilies. It grows from 1 to 4 feet high, and bears many trumpet-shaped, sweetly scented, waxy white flowers of great substance. A well-drained, light loam enriched with leaf-mold suits it best.

Multiflorum giganteum. Black stem.

7 to 9 inches in circumference, 3 lbs. 10. In cold storage in cases of 350 each, at $13.00 per 100, not less than one case sold.

Lilium Speciosum album. Beautiful pure white flowers of large size; 2 to 4 feet high; one of the handsomest and easiest-grown Lilies. 9 to 11 inches. In cold storage, in cases of 125 each, at $22.00 per 100, not less than one case sold.

There is no likehood of our receiving any Japan Lilies this season—should we receive any later on will give prices on request.

If to be sent by mail add postage at zone rates.

Various Lilies

	Each	10
Batemanni. Unspotted, bright apricot flowers; beautiful variety. 3 to 4 feet high 1 lb. 10	$0 25	$2 00
Bolanderi. Bell-shaped, deep crimson flowers, dotted with purple. Grows 1 to 3 feet high. Rare 1 lb. 10	50	4 50
Brownii. Most beautiful flowers of immense size; inside creamy white, outside shaded chocolate purple; a splendid pot-plant; 2½ to 3½ feet high. In cold storage in cases of 100 each, at $25.00 per 100, not less than one case sold.		
Canadense (Meadow Lily). Graceful, drooping, yellow flowers, spotted red; 1½ to 3 feet. 4 oz. 10	20	1 50
Candidum (Madonna Lily, or St. Joseph's Lily). The common garden Lily. Large, pure white, very sweet-scented flowers; valuable for forcing; 2 to 3 feet high. 3 lbs. 10 Per 100, $10.00	15	1 25
Columbianum (Oregon Lily). Orange flowers, dotted maroon; fragrant. 1 lb. 10, largest size bulbs	35	3 0
Elegans. Incomparable, deep red spotted black; very beautiful	25	2 00
Henryi (Orange-yellow Speciosum). Very tall-growing variety; deep orange yellow flowers, growing in great profusion when the plants are well established. 3 lbs. 10	50	4 00
Wallacei. Orange-red, maroon spots; late. 8 oz. 10	25	2 00
Washingtonianum. A lovely native variety of very stately habit; large, trumpet-shaped flowers, pure white, tinged purple or lilac; very fragrant; 4 to 7 feet. 2 lbs. 10	40	3 00

Lilium Candidum

Lily-of-the-Valley

(Convallaria majalis)

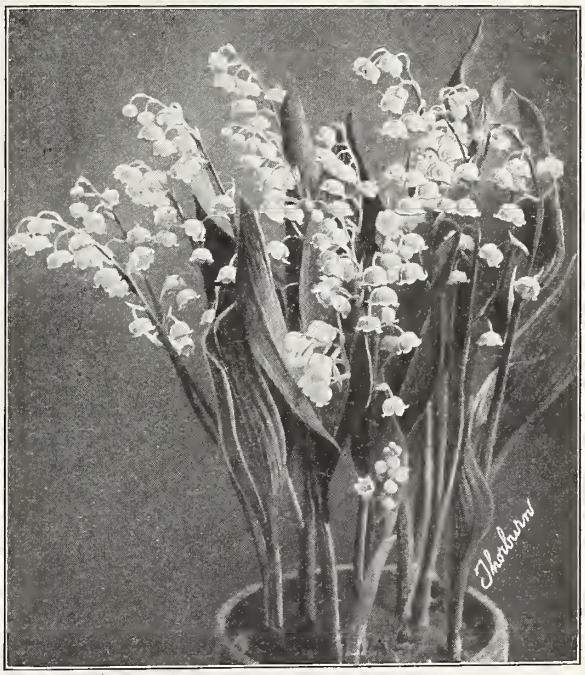
EXPECTED; DELIVERY DEPENDS ENTIRELY UPON ARRIVAL

One of the most beautiful and admired spring-flowering plants, and universally sought for its neat and chaste outline and delicate odor. The growth is close, dwarf and compact, and the plant is hardy and permanent. It is now a most popular plant for forcing, which is easily done by planting the pips in pots, from 6 to 12 in each, watering freely, keeping in a cold cellar, and starting from week to week, to keep up a succession. They generally flower in three or four weeks after planting. They require a considerable amount of heat to start them. They may also be planted in moss fiber in vases.

Clumps, Fine, large clumps, with many flowering pips on each. Fine for planting outside in shaded positions and for naturalizing by the side of streams or wood walks. Weight 3 lbs. each.

Each $0 40
Per 10 ..... 3 50
Per 100 .....30 00

Pips for Forcing. Finest Exhibition size.
Per bundle of 25 (2 lb. rate).....$1 00
Per 100 ..... 3 50
Per 1,000 .....30 00



Lily-of-the-Valley

ALLIUM

Allium

Mailing Weight, 1 lb. 100.

Perfectly hardy bulbous plants of the easiest cultivation. They are excellent for the flower-border or for naturalizing in masses. The varieties offered below are also suitable for forcing for winter cut-flowers.

Azureum. Beautiful sky-blue flowers in large umbels; fine for pots or garden decoration. Each 20 cents., per 10 $1.50, $10.00 per 100.

Moly luteum. Golden yellow flowers in large umbels; very showy and attractive; fine for growing in the garden in groups or for naturalizing in masses. 20 cts. per 10, $1.50 per 100.

Hermettii grandiflorum. Makes a splendid pot-plant for winter-blooming in the house, the handsome large, pure white flowers being produced abundantly and for a long time; largely used by florists for cut-flowers. 35 cts. per 10, $3.00 per 100.

Amaryllis READY IN OCTOBER

If to be sent by mail add postage at zone rates as per weight indicated

Extremely ornamental greenhouse plants, with large, fragrant, beautifully colored flowers. The most suitable soil is good loam, with one-fourth part of leaf-mold or pulverized manure, and some sand. Good drainage is very important. The growing season is from early spring until about September, when the plants should be kept cool and allowed to rest until February. They require plenty of sunshine, but in the flowering season a light shading tends to preserve the blossoms longer. Frequent disturbance of the roots is to be avoided. Established bulbs in large pots should have a top-dressing each year when starting, and manure-water during the growing season.

Belladonna major. Violet and white; flowers in large umbels; fragrant. 4 lbs. 10. 35 cts. each. $3 00 per 10.
Hippeastrum Johnsonii (Spice Lily). Beautiful flowers; crimson, striped white. Large bulbs. 6 lbs. 10. 65 cts. each. $6.00 per 10.
Vallota purpurea. 50 cts. each. $4.00 per 10.

Anemone, or Windflower

If to be sent by mail add postage at zone rates—6 oz. doz., 3 lbs. 100

Very ornamental hardy perennials, producing beautifully colored flowers in spring and summer. They do best in rich soil and in a sheltered and well-drained position. Plant in autumn. May also be grown in pots or forced in frames for early flowers.

Coronari, or Poppy-Flowered Anemone

READY IN SEPTEMBER

	10	100
Caen Mixed (Giant French or Poppy-flowered Anemone). Finest colors	$0 20	$1 50
Blue, Single Mixed	30	2 00
King of the Blues, Double	40	3 00
King of the Scarlets, Double	40	3 00
Scarlet, Single Mixed	30	2 00
St. Brigid. Semi-double; gracefully incurved flowers	40	3 00
White, Ceres. Double; tinted rose	40	3 00
White, The Bride. Single; pure white	30	2 00
Double. Mixed colors	30	2 00
Single. Mixed colors	25	1 50

Anemone Species READY IN NOVEMBER

If to be sent by mail add postage at zone rates—3 lbs. per 100.

Fulgens. Scarlet; flowers very early in the spring. It does best in a good loam and in a moist situation. A fine pot-plant for house decoration	$0 60	$5 00
Japonica alba. Large, pure white; invaluable for cutting	75	7 00
" **rosea.** Large; rosy carmine	60	5 50
" **rubra.** Rosy crimson	75	7 00
" **Queen Charlotte.** Semi-double pink	1 00	9 00
" **Whirlwind.** Bears in profusion large, semi-double, pure white flowers of great substance. Splendid for cut-flowers	65	6 00

Arum

If to be sent by mail add postage at zone rates as per weight indicated

Arums make handsome pot-plants and are also effective in subtropical gardening. **Arum Dracunculus** and **Arum Italicum** are hardy.

	Each	10
Cornutum (Red Calla). Flowers red, spotted black, stems mottled; handsome pot-plant; flowers without water or soil. Bulbs will not be ready until October or November. Weight: each 8 oz. 10. 5 lbs.	$0 20	$1 75
Dracunculus (Dragon-flower). A striking and very ornamental plant for pots or garden. It grows to a height of 3 feet, with mottled steam and handsome foliage. Hardy. Weight: each 8 oz. 10. 5 lbs.	25	2 25
Italicum. A hardy species from the Channel Islands, with cheamy white flowers. Weight: each 4 oz. 10. 1 lb.	15	1 25
Palaestinum sanctum (Black Calla). From the Lebanon mountains. A splendid pot- and chamber-plant, with fine, dark green foliage, large black spathe and black spadix. Weight: each 6 oz. 10. 2 lbs.	25	2 00

Begonia Grandiflora, Tuberous-Rooted

READY IN NOVEMBER AND DECEMBER

Add postage at zone rates, 1 lb. 10, 7 lbs. 100

Splendid pot-plants for the house or greenhouse and especially valuable for bedding, flowering in the greatest profusion throughout the summer. For bedding they should be started in a hotbed in March and April. The hollow end of the bulb should be up and but slightly covered. Give very little water until the plants are growing.

	10	100		10	100
Single Scarlet	$0 90	$7 50	**Double White**	$1 00	$9 00
Single Rose	90	7 50	**Double Yellow**	1 00	9 00
Single White	90	7 50	**Double Crimson**	1 00	9 00
Single Yellow	90	7 50	**Double Rose**	1 00	9 00

Begonia Crispa, Single, Fringed

These Begonias have beautifully shaped, gracefully frilled and crested flowers borne above the foliage on long and erect stems. A fine strain with a great future. **Red, Rose, White, Yellow, Salmon and Orange.** $1.25 per 10, $10 per 100.

Brodiaea READY IN SEPTEMBER

Mailing weight—1 lb. 100

Pretty bulbous plants from the Pacific coast. They have narrow, grassy leaves, slender stems and umbels of lily-like flowers. For forcing or for outdoor culture. Do best in rich, sandy loam. If grown in pots, a compost of loam, leaf-mold and sand is best. All are hardy.

	10	100
Congesta. Tall-growing; purple flowers	$1 00	$7 00
Laxa. Blue	40	3 00
Peduncularis. Porcelain-white flowers in immense umbels	50	4 00

Crocus

If to be sent by mail add postage at zone rates—8 oz. 10, 3 lbs. 100.

For pots and borders. A universal favorite, being one of the earliest flowers seen in the spring. They are neat, dwarf and compact in growth, and the blooms are of bright colors. If planted closely—say 2 inches apart—and 3 inches deep, they make a pretty display immediately after the snow goes off in the spring. Do not disturb for several years. Should be largely planted in the grass on lawns. They will flower very early in spring before mowing. The effect is beautiful. For flowering in pots, baskets, etc., they should be plunged in the open ground for three weeks after planting, precisely in the same manner as directed for hyacinths.

	10	100	1,000
Blue and Purple Mixed	$0 20	$1 50	$10 00
Striped and Variegated, Mixed	20	1 50	10 00
Mammoth Yellow	30	2 50	20 00
Mixed Colors	20	1 50	10 00

Hybrid Named Crocus

Remarkable for richness of color and immense size. These varieties are best for forming letters or designs on lawns, for which purpose they may be planted without disturbing the grass, by the use of a dibble or narrow trowel. Flowers are produced very early, and mowing later on will not seriously injure the bulbs.

	10	100	1,000
Albion. Purple, with white feathers	$0 20	$1 75	$15 00
King of the Blues. Very large	20	2 25	20 00
King of the Whites. Pure white	20	1 75	15 00
Non Plus Ultra. Blue, edged white	25	2 00	19 00
President Lincoln. Large; purple; early	25	2 00	19 00

Not less than 10 of a kind sold.

Crown Imperials

(Fritillaria imperialis)

READY IN SEPTEMBER

If to be sent by mail add postage at zone rates—each 1 lb. 10 6 lbs.

A stately-growing plant, with dark green foliage and flowers of all intermediate shades between yellow and crimson; effective for centers of beds; hardy and permanent, and not so generally planted as they should be. Their flowers are produced quite early in spring and are very ornamental and decorative in the center of a bed of other bulbous plants. The old, dull red variety, while handsome, does not give anything like the effect that the newer sorts do. The double varieties are especially conspicuous and desirable in every respect. They are all the better for being planted in good rich, well-drained soil; the flowers will be larger and of finer coloring, as well as more enduring.

	Each	10
Aurora. Red	$0 35	$3 00
Gold-striped-leaved. Crimson flower; variegated foliage	40	3 50
Imperialis. Yellow	35	3 00
Maximus. Red; very showy	35	3 00
Silver Striped Leaved	40	3 50
Fine Mixed Varieties Per 100, $15	25	2 00

CRINUM	Each
Kirki. Large umbels of beautiful pure white flowers, with purple stripe in center of each petal. 1 lb. rate	$0 25
Powelli. Produces long stems, bearing at the top five to eight large, dark rose, bell-shaped flowers, 3 to 4 inches long. 2 lb. rate	25
Powelli album. Pure white, 2 lb rate	50

Cyclamen

Most of Them Ready in November

When well grown, it is difficult to find a more useful plant than this for greenhouse, room and window decorations. The various species produce flowers varying from deep red to pure white, and of much elegance of form in flower and plant. The soil best suited to them is a fresh, turfy loam, with a fourth to a fifth of well-rotted horse manure, to which add some clean sand if the soil is heavy. Plant so as to leave the top of the bulb just below the surface. Given the proper conditions, the Cyclamen is remarkably easy to grow. (We offer seed of our superb strain of C. giganteum at the end of this catalogue.)

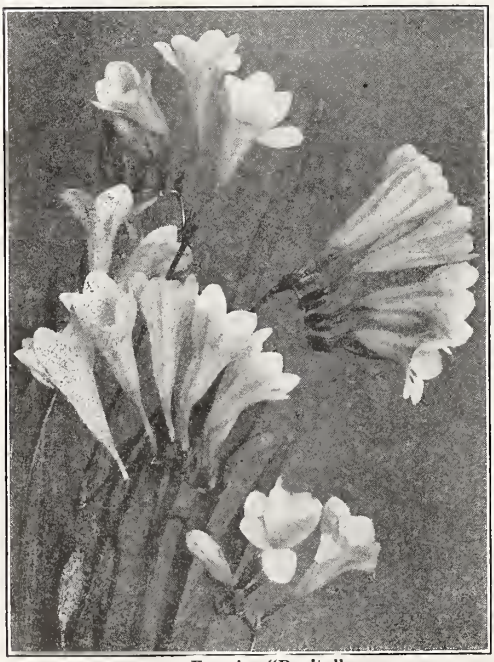
	Each	10
Persicum giganteum, Rose and Crimson	$0 25	$2 00
Persicum giganteum, White "Mont Blanc"	25	2 00
Persicum giganteum, Mixed	25	2 00

Cylamen Persicum Giganteum.

Eremurus READY IN SEPTEMBER

If to be sent by mail add postage at zone rate—1 lb. each.

A noble, bulbous plant from northern India, especially attractive, peerless in its majestic magnificence, compelling admiration by its gigantic proportions and the sweetness of its perfume, a plant not easily forgotten when seen well grown. It is a hyacinth-like perennial, starting growth quite early in the spring. Coming from a cold country it is perfectly hardy, but enjoys good rich soil, and responds handsomely to liberal treatment. They thrive admirably in deep, rich, sandy loam with the addition of well-decayed cow manure. They need plenty of water in the flowering period, but require good drainage. When well established they should not be disturbed, as the roots are extremely brittle. The surface soil above the roots should be kept clean by hand-weeding and enriched by occasional application of old manure, leaf-mold and a little sand well mixed. Autumn planting is desirable, and the crown should be covered with a mound of ashes over winter or with a box of water-tight top and filled with dry leaves. Protect the stems from frost when coming into flower in spring.



Freesia, "Purity"

	Each
Himalacius. Beautiful white flowers on racemes 4 to 8 feet high. Blooms in May and June	$1 00
Robustus. Rosy lilac flowers on racemes 6 to 19 feet high, flowering in June	1 25

Freesia

If to be sent by mail add postage at zone rate—10, 4 oz., 100, 2 lb.

The justly popular Freesias are greatly prized for the delightful fragrance of their delicately colored flowers, which, when cut, will remain in good condition for a long time in water. They are easily grown or forced in good, loamy soil, with an admixture of leaf-mold and sand, in a frame or greenhouse, and are excellent for window culture in winter. For the information of all not acquainted with these bulbs we may say that they are quite small, but produce large blooms in comparison to their size.

Freesia refracta alba. The body of the flower is a pure white, with lower segments spotted lemon-yellow. Their fragrance is remarkable and very lasting. Mammoth-size bulbs. 35 cts. per 10, $2.50 per 100.

Fressia, "Purity." Magnificent, glistening pure white flowers of large size, borne on strong, lengthy stems, each truss bearing eight to ten buds, five or six of which are frequently open at the same time.

Mammoth .....50 cts. per 10. $4 per 100
First size .....35 cts. per 10. $3 per 100

Dwarf Gladiolus

Dwarf Gladiolus

READY IN NOVEMBER

If to be sent by mail add postage at zone rates—10, 6 oz., 100 2 lb.

The following varieties are the sorts generally to be had at this season of the year, and they are usually planted in pots in autumn, and require to be kept in a warm room or greenhouse. Some varieties are successfully forced and may be had in full beauty in April and May.

These form a family of bulbs of rare beauty and of most exquisite tints and shades; and, from the time of year during which these bloom, and the long continuance of their flowers in perfection, they become one of the greatest ornaments of the garden at a season when flowers of vivid tints are scarce. They are valuable for bedding. Named Hybrids will be found in our General Catalogue, published January 1.

	10	100
Cardinalis Blushing Bride. Beautiful ivory-white, with crimson flakes	$0 35	$3 00
Cardinalis Crimson Queen. Deep crimson	35	3 00
Cardinalis Peach Blossom. Beautiful rose	30	2 50
Cardinalis Queen of Holland. White with carmine blotch	35	3 00
Cardinalis Mixed	35	2 00

Gloxinias READY IN NOVEMBER

If to be sent by mail add postage at zone rates—10 1 lb., 100 7 lbs.

Gloxinias are among the most beautiful of greenhouse plants, being remarkable for the intensity and variety of their colorings and the exquisite manner in which they are often blotched mottled, penciled and blended. The plants are extremely floriferous, and, by making successive pottings, they may be had in bloom the greater part of the year. They thrive best in a soil composed of leaf-mold and peat in equal parts, with a little sand added. When growing, plenty of water should be supplied, but it should always be tepid. The bulbs we offer are large, and of erect-flowering strain:

CRASSIFOLIA ERECTA—

	10	100
Red	$1 50	$13 00
White	1 50	13 00
Blue	1 50	13 00
Spotted	1 50	13 00
Mixed	1 25	12 00

Iris

(Fleur-de-lis)

READY IN OCTOBER AND NOVEMBER, EXCEPT JAPAN IRIS, WHICH WILL NOT BE READY UNTIL DECEMBER AND INTO SPRING.

Iris, the Greek name for the rainbow, was applied to this flower in allusion to the manner in which many beautiful colors are blended together. Irises are of easy culture. They do best in a light rich, sandy soil, and in a sunny situation. Good drainage is important. The varieties of Iris Kaempferi, from Japan, are remarkable for the beauty of their colors and their stateliness of habit. Some of these send up 10 to 12 flower-spikes 3 feet high, each bearing 2 to 4 enormous blossoms measuring 8 to 10 inches across. These require a liberal supply of water when growing.

Japan Iris (Iris Kaempferi)

IRIS, continued

If to be sent by mail add postage at zone rates—each 1 lb. 10, 12 lbs.

READY IN NOVEMBER

(Iris Kaempferi)

Superb Collection of Large Flowered Japan Iris (Mixed Colors) only

60 cts. each, $5.00 per 10, $40 per 100

Iris Hispanica.

Spanish Iris (Iris, Hispanica)

Not less than 50 of a kind at 100 rates. 10 6 oz., 100 3 lbs.

Very profitable for florists, who are planting them largely for cut-flowers. Plant in beds in the open as soon as received in the autumn, and protect during the winter months. In the beginning of April cover the beds with glass, so as to have the flowers ready for cutting in May.

	10	100
British Queen. Large; pure white	$0 25	$2 00
Chrysolora. Bright yellow	25	2 00
Midley Fine light blue	25	2 00
Prince of Orange. Bronze and orange	25	2 00
Reconnaissance. Bronze and orange	25	2 00
Snowball (Blanche Fleur). White; slightly tinted lilac	25	2 00
Solfatare. Purplish blue and yellow	25	2 00
Superfine Mixed .....Per 1,000 $8.00	15	1 00

Spanish Iris—Novelties

Per 10 30c, per 100 $2, per 1,000 $16.

Beauty. Porcelain blue; fine tips; very large flower.
La Nuit. Very dark blue, nearly black; extra fine.
L'Unique. Violet-blue, golden blotch; large flower and quite distinct from other varieties.
Mrs. Walter T. Ware. Primrose yellow; fine formed flower.

Ixias READY IN OCTOBER

If to be sent by mail add postage at zone rates.

The named Hybrid Ixias are so beautiful and rich in tints that no lover of flowers should be without them. They are equally adapted for pots or the open ground, exceedingly free-flowering, and invaluable for cutting. If planted out, they require rather more covering during winter than hyacinths. In pots their culture is the same as that usually recommended for other bulbs. By reason of their curious forms and strange coloring, the Ixias attract much attention.

	10	100
Ambassador. Carmine violet	$0 25	$2 00
Bridesmaid. White, carmine-eye	35	3 00
Bucephalus major. Crimson; fine	25	2 00
Duchess of Edinburgh. White, red-striped	35	3 00
Golden Drop. Golden yellow, dark center	25	2 00
Marvellous. Yellow, violet eye	30	2 50
Princess Alexandra. Pale straw-color	25	2 50
Sarniensis fl.-pl. White and red; double	25	2 00
In Splendid Mixture 1,000, $8	20	1 50

Montbretia READY IN NOVEMBER

If to be sent by mail add postage at zone rates—10 6 oz., 100 2 lbs.

Hardy, summer-flowering bulbous plants that are becoming more popular every year. Their brightly colored flowers are borne on long, graceful spikes in the greatest profusion, and they are most valuable for cutting and general decorative purposes. They should be planted in groups and left undisturbed. Ordinary garden soil and a sunny position suit them. The following are the handsomest and most distinct varieties.

		10	100
Crocosmæflora.	**Golden Sheaf.** Bright yellow	$0 30	$2 00
"	**Meteor.** Yellow inside, deep red outside	80	7 50
"	**Speciosa.** Copper, with yellow edge	30	2 00
"	**Tigridie.** Orange-yellow throat, maculated brown	30	2 00
"	**Mixed.** All sorts	25	1 50

Muscari

Commonly called Grape, Nutmeg, Feathered, etc., Hyacinths. Mailing weight—10 4 oz., 100 2 lbs.

Very pretty, hardy bulbous plants, well adapted for mixed borders and for naturalizing in sunny spots among short grass. They succeed in almost any soil and situation, and require little care. Also suitable for growing in pots in the house, five or six bulbs in a pot.

		10	100
Muscari botryoides coeruleum.	Blue Grape Hyacinth	$0 15	$1 00
"	**botryoides album.** White	30	1 75
"	**Heavenly Blue.** Light blue, strong-growing variety	30	2 00

Nerine

READY IN OCTOBER AND NOVEMBER

Mailed Free of Postage

Very beautiful greenhouse bulbous plants succeeding best in pots in light soil—say a compost of loam, leaf-mold and sand. Frequently repotting is not advisable, but an annual top-dressing of new soil before the flowering season is recommended. During the growing season they succeed best in a frame with some bottom heat. After the leaves die, they should be kept dry in a cool place until they begin to grow again.

	Each
Sarniensis (True Guernsey Lily). Flowers brilliant crimson in large clusters. The best-known sort	$0 40

Oxalis READY IN SEPTEMBER

If to be sent by mail add postage at zone rates—1 lb. per 100

A very pleasing class of small bulbs, producing vast quantities of brilliant flowers during the autumn and winter months; they are especially desirable for planting in hanging-baskets. They are easily grown in a sandy soil, seven or eight bulbs in a 4- or 5-inch pot. Pot in September, and remove indoors early in October; keep in moderate temperature.

	10	100
Buttercup. A splendid winter-blooming plant for pot culture. The flowers are pure, bright yellow, and produced in great abundance. It is very easily cultivated and, being a strong grower, only one or two bulbs should be planted in a 5- or 6-inch pot	$0 35	$2 50
Boweii. Crimson	35	2 50
Grand Duchesse Grandiflora, Lavender	25	1 50
" " " Pink	25	1 50
" " " White	25	1 50

Paeonies EXPECTED IN OCTOBER

(Finest Imported Roots)

If to be sent by mail add postage at zone rates—1 lb. each, 9 lbs. 10

The old-fashioned double Paeonies are too well known to require description. Their popularity is due to their great merits, their easy culture, the handsome appearance of the plant, and the brilliant and striking effect of their massive, finely formed, richly colored flowers. Among hardy herbaceous perennials, the Chinese Paeonies rank about first for lawn, flower-border or shrubbery decoration. Paeonies do best in deep, rich, rather moist soil. The plants are gross feeders, and the soil should be well worked before planting, and enriched with cow manure. Clean cultivation should be given. An annual top-dressing of short, well-rotted manure should be given in November, and forked into the soil in spring. Liquid manure, given in the growing season, helps the bloom wonderfully. They need abundant water, and if they suffer from drought at blooming time there are likely to be small flowers and blighted buds. The crowns should be set in planting about 2 inches below the surface. They may be set in spring or fall, to bloom the following summer. They are all hardy. We offer only strong, flowering roots, with not less than three eyes.

Herbaceous Chinese Paeonies

(Paeonia chinensis)

Festiva Maxima Paeony

	Each	10
Delachei. Purplish red	$0 45	$4 00
Duchesse de Nemours, (Calot). Sulphury white	45	4 00
Eugene Verdier. Pink and Salmon	90	8 00
Felix Crousse. Brilliant red	75	6 00
Festiva maxima. White	45	4 00
Louis Van Houtte. Cherry-color, with purplish reflection	45	4 00
Madame de Verneville. Silvery white; extra fine	45	4 00
Madame Lemoine. Pure white, large splendid flower	75	6 00
Monsieur Jules Elie. Satiny pink, very early	1 25	12 00
Double Mixed, White	45	4 00
" " **Crimson**	45	4 00
" " **Rose**	45	4 00
" " **Pink**	45	4 00
" " **Carmine**	45	4 00

Japanese Tree Paeonies

(Paeonia arborea)

Mailing rate, 2 lbs. each

These are very beautiful and free-flowering, and bloom two or three weeks earlir than the herbaceous sorts. Choice named varieties, Violet, Rose, White, $1.25 each.

Paeonia Officinalis

Mailing rate 2 lbs. each

	Each
Anemonaeflora. Large; crimson; single anemone-flower shape	$0 60
Atro-rubra plena. Dark red	35
Mutabilis plena. Tender rose; passing to white; double	45
Rosea plena. Pink	50
Tenuifolia, Single-flowering. Rich crimson; narrow-leaved, feathery foliage	40
Single flowering, mixed	40

Phlox Decussata

(Perennial Phlox)

In the following varieties—all 25 cts. each, $2.50 10, Mailing rate—4 lbs. 10

Aquillon. Carmine.
Boule de Feu. Fiery red.
Flacon de Neige. Pure white.
Jeane d'Arc. Pure white
Pantheon. Rose.
Pecheur d'Islande. Fiery red.

Ranunculus READY IN SEPTEMBER

If to be sent by mail add postage at zone rates—Mailing rate—1 lb. 100

The main soil for these should be loam or clay, with a good dressing of rotted manure and leaf-mold; if heavy, add a little sand. The soil should be well drained, cool, deep, rich and moist. Plant late in the autumn, claws downward, from 4 to 6 inches apart and 3 inches deep, covering with fine, pulverized soil.

Persian Ranunculus

	10	100
Fireball. Brilliant scarlet	$0 25	$2 00
Jaune Supreme. Splendid yellow	30	2 50
Mont Blanc. The finest pure white variety	25	2 00
Orange Brilliant. Deep yellow, tinged orange, black center	$0 25	$2 00
Queen of the Netherlands. Violet-black	45	4 00
Persian Mixed	15	1 25
French Mixed	15	1 25

Turban Ranunculus

These are the most hardy of the Ranunculus, and will succeed with much less care than is necessary for the Persian sorts.

	10	100
Grandiflora. Crimson	$0 25	$2 00
Romano. Scarlet	25	2 00
Seraphique. Citron	25	2 00
Souci Dore. Orange	$0 30	$2 50
Viridiflora. Scarlet; green center	25	2 00
Mixed Turban	15	1 25

Richardia (Calla)

READY IN OCTOBER AND NOVEMBER

If to be sent by mail add postage at zone rates as per weight indicated

Tall-growing, bulbous perennials of graceful habit, and handsome foliage and flowers. They are easily cultivated in pots, requiring only rich soil and plenty of water. A compost of one part good loam and one part cow manure is recommended. It is a good plan to plant them out in the garden each summer, in rich, well-manured soil, giving them plenty of water, taking them up and carefully repotting them in September.

	Each	10
White Calla, or Lily of the Nile (Calla aethiopica). Large white, trumpet-shaped flowers of great substance. One of the most popular ornamental house and greenhouse plants. Largest-size bulbs. 10, 4 lbs.	$0 30	$2 75
Black Calla. (See Arum palaestinum sanctum.) 10 2 lbs.	25	2 00
Red Calla (Arum cornutum.) Flowers red, spotted black; stem mottled; a handsome pot-plant. Each 8 oz., 10	20	1 75
ELLIOTTIANA, Yellow Spotted Leaf. Dark green leaves, spotted slivery white, 10 2 lbs.	30	2 50
GODFREY, this new Calla combines the good points of all varieties of house Calla, large leaves and flowers on long stems, fragrant, 10, 4 lbs.	35	3 00

Arum Palaestinum Sanctum

Scilla Sibirica

Scilla

READY IN SEPTEMBER

If to be sent by mail add postage at zone rates—6 oz. 10, 3 lbs. 100

S. Peruviana requires slight protection; all the others are quite hardy, and may remain in the ground several years. The effect in early spring of the intensely rich blue, early-flowering Scilla, contrasting with the snow-white of the snow-drop and the varied hues of the crocus, is very striking; most valuable for permanent edging, or planted in bunches of a dozen or so.

	10	100
Sibirica. Blue. Extra-large bulbs	$0 25	$2 00
Sibirica alba. White flowered variety of the above	25	2 00
Peruviana alba. (White Cuban Lily) Each 20	1 50	
" **coerulea** (Blue Cuban Lily) Each 20	1 50	

Snowdrops

(Galanthus nivalis)

READY IN SEPTEMBER

If to be sent by mail add postage at zone rate
Mailing rate—4 oz. 10, 2 lbs. 100.

Perhaps no spring flower is a more general favorite than the Snowdrop. The earliest flowering of its varieties is the common single sort, which is also very graceful and beautiful, commencing to bloom before the snow is fairly off the ground in spring. This is succeeded by the double-flowered variety, with its elegant drooping, snow-white blossoms. Should be planted 2 to 3 inches deep in a shady location.

Single-flowering Snowdrops. 35 cts. per 10, $2.50 per 100, $18 per 1,000.

Double-flowering Snowdrops. 25 cts. per 10, $2.00 per 100, $18 per 1,000.

Giant Snowdrops of Asia Minor (Galanthus Elwesii). Extra size bulbs, 35 cts. per 10, $2.50 per 100, $18. per 1,000.

Snowdrops

Spiraea, or Astilbe

READY IN NOVEMBER

Mailing rate 2 lbs. each.

Tall, graceful, branching, herbaceus perennials, thriving in rich soil and damp positions. Those we list are extensively used for forcing for winter decorative purpose, for which they are eminently adapted either as cut-flowers or in pots for window and table decoration. They should be potted when received and buried outside till they begin to form roots. They may then be taken in and forced as required. They require abundance of water.

	Each	10
America. Rosy lilac	$0 20	$1 50
GLADSTONE. A hybrid Spiraea, with beautiful, snow-white plumes, borne on strong stems, 1½ feet long, standing erect above the foliage. The plant is perfectly symetrical in shape, the foliage very handsome and the flowers exquisitely fragrant. Fine forcer	25	2 00
Japonica compacta multiflora. The neat, compact habit and profusion of large, handsome pure white flowers make it a most elegant pot-plant	20	1 50
NAARDEN. Pink-flowering; early bloomer. Fine forcer	25	2 00
QUEEN ALEXANDRA, PINK. A splendid pink variety, in habit similar to the well-known Gladstone, but flowering two weeks later. It is a very free bloomer and bears its flowers well above the strong, dark green foliage. When forced it must be shaded as soon as it starts to color. It is a splendid outdoor plant, being as hardy as the old Spiraea japonica. Its color will not fade even in the brightest weather	20	1 50
Rubens. Lovely deep carmine rose; good variety for forcing	35	2 50

Spiræa Naarden

Trillium

(American Wood-Lily, or Indian Shamrock) Mailing rate—1 lb. 10, 7 lbs. 100

Hardy herbaceous perennials succeeding best in a deep, well-drained soil and in a somewhat shady situation. They require plenty of water during the summer. All are native of North America, and are known by various common names in different localities. They have violently metic roots.

If to be sent by mail add postage at zone rates.

	Each	10	100
Erectum. Dark purple; erect habit	$0 10	$0 75	$6 00
Grandiflorum ("Giant American Wood-Lily," or "Wake-Robin"). Large, white flowers, and easily grown in shaded positions	10	60	5 00

MISCELLANEOUS BULBS AND ROOTS

Those marked with an asterisk (*) will n ot be ready till October or November

Bulbocodium

Leucojum

Chionodoxa

If to be sent by mail add postage at zone rates, according to indicated weight

	10	100
*Achimenes. Varieties. Lovely greenhouse pot-plants. 3 lbs. 100	$0 65	$6 00
*Apios tuberosa. Hardy climber, with clusters of fragrant purple flowers. 1 lb. each 15c	1 25	
Bleeding Heart. See Dicentra below.		
Bulbocodium vernum. A very pretty little bulbous plant, with rosy purple, crocus-like flowers; it is one of the earliest spring plants, blooming even before the crocus. 2 lbs. 100	60	5 50
Calla. See Richardia, page 19.		
Camassia Cusickii. Superb variety with large leaves and lovely pale sky-blue flowers produced in recemes 2 to 3 feet long Each 15 cts.	1 25	
Chionodoxa gigantea. Flowering very early. May be grown in pots, forces if allowed to make good roots, although it does remarkably well out of doors, perfection is best attained growing it in small pits or under handlights. Very large lilac blue flowers, with large white eyes. 2 lbs. 100	40	3 00
Chionodoxa. Luciliae ("Glory-of-the-Snow"). Porcelain-blue, white eye	30	2 00
Chionodoxa Luciliae alba, new, pure white flowers of charming beapty	50	4 50
Chionodoxa Sardensis. Lovely deep blue flowers, produced in great number	30	2 00
Colchicum. Also Autumn Crocus or Meadow Saffron, given some protection in winter, they remain in good condition for many years. Mixed. Many bright colors. 2 lbs. 10. Each 10 cts.	90	8 00
*Dicentra spectabilis (Dielytra; Bleeding Heart.) Hardy; also for forcing. 1 lb. each, 8 lbs. 10 Each 25 cts.	2 00	15 00
*Hemerocallis. Day Lily. Delightful hardy herbaceous perennials, beautiful by day, the blossoms close at night.		
*Hemerocallis flava. Clear yellow. 5 lbs. 10 Each 10 cts.	60	5 00
*Hemerocallis fulva. Coppery orange, shaded crimson, 5 lbs. 10 Each 15 cts.	1 25	10 00
*Hemerocallis Kwansoflore pleno. Coppery orange; double. 5 lbs. 10. Each 15 cts.	1 25	10 00
*Hemerocallis Sieboldi. Reddish orange. 5 lbs. 10 Each 15 cts.	1 00	8 00
Leucojum. aestivum. Summer-flowering. White Snowflake. 4 lbs. 100	45	3 50
Leucojum vernum. Spring-flowering dwarf Snowflake. 4 lbs. 100	45	3 50

Watsonia Ardernei

MISCELLANEOUS BULBS AND ROOTS, continued

If to be sent by mail add postage at zone rates.

10

*Tritoma Pfitzeri. Large spikes of intense flame-colored flowers. In beds it makes a gorgeous display. It should be planted in spring. 2 lbs. 10..... Each 25 cts. 2 00

*Tydaea. Mixed. Very showy. Flowers often scarlet, golden, or spotted ..Each 20 cts. 1 25

*WATSONIA ARDERNI (O'Brieni). Each bulb produces from 50 to 100 large and very beautiful snowwhite gladiolus-like blooms over 3 inches in diameter. Fine for forcing in the greenhouse or for planting outdoors in spring. 2 lbs. 10, 20 cts. each, $1.00 per 10. $8.00 100.

*Zephyranthes rosea. Popular Zephyr Lilies, leaves appearing with the flowers and lasting through the winter in favored localities; delicate rose, golden antlers very showy: 75 cts. per 10. $6 per 100.

Hardy Annual and Perennial Flower Seeds

FOR AUTUMN SOWING

Mailed free of postage

Many varieties of flower seeds, **Annuals** as well as **Biennials** and **Perennials,** may be sown in the open ground in the autumn. We give here a list of such as will succeed in this latitude and southward. The plants from autumn-sown seed become larger and more robust, flowering earlier and more numerously than if sown in the spring. For full descriptions see our General Seed Catalogue. Character and Hardiness indicated by letters A, Annual; B, Biennial; P, Perennial; h, hardy, hh half hardy; g, greenhouse; t, tender.

	Pkt.
Alyssum maritimum (Sweet Alyssum) (hA)..... .....50c per oz. $0	05
" Little Gem, 30c per ¼ oz.....	10
" Little Dorrit, 30c per ¼ oz.....	15
" procumbens, white carpet, 30c per ¼ oz.	10
" compactum lilacinum (Lilac Queen)....	10
Aquilegia Coerulea (Rocky Mountain Blue Columbine) (h.P.)	15
" Double Mixed	05
" Single Mixed	05
Arabis alpina (hP).....	10
Bocconia japonica (hP)	10
Campanula Medium (hB). White	05
" " Single Mixed	05
" " Double Mixed	10
" persicifolia grandiflora (hP). Blue....	25
" " " White	25
" " " Mixed	25
" pyramidalis (hhP). Blue	10
" calycanthema (hB). Blue	10
" " White	15
" " Rose, fine	15
" " Mixed	10
Candytuft sempervirens (hP)	15
Centaurea (Blue Cornflower) (hA)	05
" Mixed Cornflower	05
" gymnocarpa (P)	10
Centaurea imperialis. White	10
" imperialis. Lavender	10
Coreopsis lanceolata grandiflora (hP)	10
Cowslip (Primula Officinalis hybrida) (hP) Mixed	10
Daisy, (hP) Double. White (Snowball)	10
" Double. Red	10
" Double. Longfellow	10
" Double Monstrosa. Rose	15
" " " White	15
" Shasta	10
Delphinium (hP) Belladona	15
" Brunonianum. Beautiful	25
" Cardinale	25
" chinense. Mixed	10
" elatum hybridum. Mixed	10
" Large-flowering Hybrids. Mixed.....	25
" New large Hybrids	25
Forget-me-not (Myosotis) alpestris (hB). Blue....	10
" " " alba	10
" " " robusta grandiflora	15
" " Ruth Fischer	25
" " (Myosotis) Alpestris Victoria	15
" " Hybridus, Star of Love	25
" " (Myosotis) Palustris semperflorens, bright blue, dwarf	25
Foxglove (hP). Purple	05
" White	05
" Mixed	05
" monstrosa. Splendid Mixed	10
" gia grandiflora, mixed	10
RED ORCHID " niculata (hP).....	10
Thorburn's Special " fl. pl. (hP) fine clusters of double white flowers, fine for cutting	50
Heuchera. Mixed (hP)	15
" sanguinea splendens	25
Lupinus polyphyllus. Mixed	05
Lychnis chalcedonica alba	05
Pansy. See page 23.	
PINKS (DIANTHUS CHINENSIS) (China or Indian Pinks). Flowers of all are double and showy.	
Double, Mixed China Pink. All best colors. ¼ oz. 25c., oz. 80c.	05
HEDDEWIGII (Japan Pinks). Usually large and brilliant; often oddly edged, striped and ringed.	
Double, Mixed. A splendid assortment. ¼ oz. 40c., oz. $1.25	10
Double diadematus fl pl. (Diadem Pink). Double; magnificent in color and variety.....	10
Double, Fireball. Brilliant scarlet; very compact and floriferous; fine for massing.....	10
Double, Mourning Pink. Very large, double flowers of blackish crimson, fringed white; very effective, and a handsome cut-flower	10
Laciniatus Double Mixed. ¼ oz. 50c.....	10
PLUMARIUS (Sweet May Pinks). These are fine, fragrant, hardy perennials of the old-time gardens, still reckoned among the most beautiful for massing and cutting.	
Pheasant's Eye. Pretty fringed flowers $0	05
Semperflorens (Perpetual Pink). Double semi-double and single; of various colors	15
Platycodon grandiflorum Blue	10
" " album, White	10
Polyanthus. Large-flowering, finest mixed.....	25
Poppy, Orientale. Mixed Hybrids	10
" nudicaule (Iceland Poppy)	10
" nudicaule album	10
" nudicaule. Mixed	10
Pueraria Thunbergiana (Kudzu Vine) (P)	10
Pyrethrum roseum hybridum. Double mixed....	25
" Parthenifolium aureum	10
Scabiosa caucasia (hP)	10
Snapdragon (P). Tall Mixed	05
" Tall delicate rose	10
" Cottage Maid	15
" Queen of the North	10
" Queen Victoria	10
" Black Prince, Dwarf	10
" **Golden Beauty.** Dwarf Grandiflora. Rich golden yellow; large sturdy spikes. 5 for $1.00	25
" **Feltham Beauty.** Tall grandiflora. The largest flowering snapdragon as yet introduced, bearing very long spikes of enormous deep rose, pink blooms, with white center. 5 for $1.00	25
" **Orange Beauty.** Tall grandiflora Grand new, very large flowering lovely orange, scarlet with gold tip. 5 for $1.00	25
" **Silver Pink.** Grandiflora 5 for $1.00	25
" Tall Grandiflora. Mixed	10

Hardy Annual and Perennial Flower Seeds, continued

	Pkt.
Sweet William (hB)., Double Mixed	10
" " Single Mixed	05
Sweet Peas. See pages 23 and 24.	
Stokesia cyanea (hP). Blue	10
Trifolium suaveolens (hA)	05

Flower Seeds for Frames and Greenhouses

	Pkt.
Abutilon. Mixed	$0 25
Acacia, Farnesiana	05
" decurrens	05
" melanoxylon	10
" mollissima floribunda	10
" podalyriæfolia. Canary Yellow. Fine for cutting	15
" Mixed	05
Ageratum Mexicanum. Imperial dwarf blue	10
" Mexicanum. Little Dorrit. Dwarf azure blue	10
Asparagus plumosus nanus. 100 seeds, 50c	10
Begonia. Single Tuberous-rooted	25
" Erfordi	25
" semperflorens alba	25
" semperflorens Vernon	25
Calendula Officinalis, Orange King	05
" " Meteor	05
" " Prince of Orange	05
Candytuft (hA). Giant Hyacinth-flowered	05
" White	05
" Affinis	05
" Coronaria Empress	05
Cineraria hybrida. Splendid Mixed	25
" hybrida. Large-flowered, Half-Dwarf	60
" hybrida. Large-flowered, Prize Mixed	60
" "Matchless". Excellent new strain, containing many new colors	60
Cyclamen giganteum, Mont Blanc	25
" " albo-rubrum	25
" " dark red	25
" " roseum	25
" " Vulcan	25
" " Salmon Queen	25
" " Mixed	25
Genista canariensis	10
Grevilla robusta, (silk oak)	10
Mignonette (hA). Machet	10
" Machet Bismarck	10
" Machet. Golden	10
" Allen's Defiance. Large spikes	10
" Crimson Queen (Paris Market)	10
" Gabrielle. Large; red	10
" Golden Queen	10
" Parsons' White	10
" Victoria. Red, compact	10
Primula obconica grandiflora. Hybrid. Mixed	50
" chinensis fimbriata rubra	50
" " " coccinea	35
" " " Extra fine. Mixed	25
" " " filicifolia. Mixed	50
" malacoides, (gP.) Pink	25
Schizanthus. Mixed	05
" Wisetonensis	25
" " Excelsior	25
Smilax	10
Solanum Capsicastrum (Jerusalem Cherry)	10
Stevia serrata	10
Stocks, Winter "Nice" Abundance. Carmine rose	25
" Winter Beauty of Nice. Flesh-colored, extra large flowers	25
" Winter "Nice", Monte Carlo pure yellow	25
" Winter. "Nice." Pure white	25
" Winter. "Nice." Queen Alexandra	25
" Winter. "Nice." Mixed	25
" Dwarf Large-flowering. Mixed (hhA)	10
" Cut-and-Come-Again. White (hhA)	25
Vinca alba pura	10
" rosea red	10
" rosea alba	10
" rosea. Mixed	10
Wallflower (hhP). Double. Mixed	25
" Single, Golden King	10
" Single, Mixed	05

Pansy

To have fine Pansies for spring flowering, the seed should be sown in frames in August, and not later than September.

VARIOUS MIXTURES

	Pkt.
Thorburn Superb. The richest and most choice varied mixture possible. It produces only the finest colors, largest flowers and most beautiful forms. ¼ oz. $2.00	$0 25
Cassier, Finest Mixed. Flowers of grand size; beautifully spotted	25
Masterpiece. Curled, wavy petals, splendid colors; distinct	25
Parisienne Mixed. Handsome, large-flowering strain	15
Fine Large English. All colors mixed	15
Mixed. Ordinary strain	10

SEPARATE COLORS

Azure-Blue. Very fine color	25
Black (Faust; King of the Blacks). Almost coal-black	25
Cardinal. Brilliant red; very fine	25
Coquette de Poissy. Distinct mauve, shading to white on the petals	25
Dark Purple	25
" " Silver edged, margins pure white	25
Fire King. Golden yellow, upper petals purple	25
Lord Beaconsfield. Deep purple-violet, shading to light blue	25
Meteor. Bright yellow and brown, attractively blotched and margined	25
Orange. (New.) Very fine	25
President Carnot. Pure white petals, each with a deep blotch	25
Snow Queen (Candidissima). Pure satiny white	15
Yellow, with maroon eye	25

Trimardeau Giant

This strain has remarkably large flowers, carried well above their leaves, and generally marked with large blotches; plants are extra vigorous and compact.

Giant, White	$0 25
" **Bridesmaid.** Most beautiful rosy white ground with dark center blotches	25
" **Pure Yellow,** (Golden Crest)	25
" Yellow with dark center	25
" **Lord Beaconsfield.** Lavender and purple	25
" **Prince Henry.** Darkest blue; splendid	25
" **Azure-Blue** (Light Blue), Pure color	25
" **Fire King.** Very showy	25
" **Hortensia, Red.** Splendid	25
" **Auriculaeflora.** Beautiful shades	25
" **Striped**	25
" Psyche, Velvety violet with broad white eye	25
" Indigo Blue. Very rich color	25
" **Mixed**	25

Spencer Varieties Sweet Peas

These are noted for their unusual large Flowers, are also known as "Orchid-flowering" Sweet Peas

All 10c per Pkt., except where quoted otherwise

	Oz.	¼ lb.
Afterglow. Rose standard blush rose wings	$0 30	$1 00
Apple Blossom. Rose standard, blush rose wings beautifully waved	30	1 00
Asta Ohn. Lavender tinted, mauve		
Blanche Ferry. Carmine rose with whi wings		
Beatrice Spencer. Deep pink blush rei buff		

Spencer Varieties Sweet Peas—Continued.

	Oz.	¼ lb.
Countess Spencer. Soft rose pink, a splendid variety	30	1 00
Constance Oliver. Pink suffused cream, waves very fine	25	75
Capt. of the Blues. Standard purple, wings bright blue	30	1 00
Clara Curtis. Pale primrose-color	30	1 00
Dobbies Cream. Fine large primrose	30	1 00
Elsie Herbert. Creamy white and pink, large flowers	30	1 00
Etta Dyke. A spencer of fine form and substance	30	1 00
Florence Morse. Blush, with pink margin	30	1 00
Flora Norton Spencer. Bright blue, tinted purple	30	1 00
George Herbert Spencer. Standard rosy magenta, wings deep carmine	25	75
Helen Lewis Spencer. Crimson-orange standard, wings orange rose	$0 30	$1 00
King Edward VII Spencer. Rich carmine-scarlet	30	1 00
Lovely Spencer. Deep pink throat, shading to blush	30	1 00
Mrs. Hardcastle Sykes. Light salmon pink, large flower	25	75
Nubian. Chocolate color	30	1 00
Othello Spencer. Rich deep maroon	30	1 00
Primrose Spencer. A good creamy yellow	25	75
Rainbow Spencer. Ivory white flaked rose	25	75
Royal Purple. Rich purple, immense flowers. Pkt. 15	30	1 00
White Spencer. Fine large pure white	30	1 00

	Oz.	¼ lb.	lb.
Mixed Spencers. Fine assortment, all the best varieties	$0 30	$1 00	$3 50

Sweet Peas—Christmas Flowering Varieties

These varieties if sown early indoors in the Fall, will bloom by Christmas and continue blooming all winter. They can also be sown outdoors in same way as other sorts for summer-flowering

All 10c Per Pkt.

	Oz.	¼ lb.	lb.
Pink	$0 25	$0 75	$2 50
White	25	75	2 50
Canary Yellow	25	75	2 50
Le Marquis, Navy Blue	25	75	2 50
Lavender (Mrs. Alex Wallace)	25	75	2 50
Earliest of all	$0 25	$0 75	$2 50
Mont Blanc	25	75	
Mixed	20	60	2 00
Blanche Ferry	25	75	2 50
Meteor	25	75	2 50

NEW GIANT, EARLY-FLOWERING, LONG-SEASON SPENCER SWEET PEAS

This new race of Sweet Peas is expected eventually to take the place of all other Early and Late varieties, as they bloom from four to six weeks earlier than the late-blooming Spencers sown at the same time and continue blooming for four months. They are vigorous growers with immense waved flowers borne on long strong stems in threes and four adaptable to our warm Summers and free flowering. We strongly recommend a trial of these new creations.

Pkt.

Early Melody. This is a deeper shade of pink than Early Song Bird, on white ground. It might be described as rose pink on white ground, very pleasing; mostly four well waved blossoms to each stem; free flowering 54544 25

Early Morning Star. Deep orange scarlet or flame color in standard, with rich orange-pink wings, keeping its color well and does not burn badly. Flowers are large and waved, borne in threes and fours abundantly; when cut and under artificial light its coloring is exquisite 54555 25

Early Snowflake. The blossoms are very large and of the best waved form, resembling the noted White Spencer; a free bloomer, with good, long stems. 54566 25

Early Song Bird. Soft blush-pink shade; large, fine flowers, borne on long stems in threes and fours. When in full growth it appears as though every stem has four blossoms, and of great quality 54576 25

Early Spring Maid. The color is light pink on a cream ground. A most lovely variety, with very large, waved flowers; for an early cream pink Early Spring Maid is unexcelled.....54587 25

Early Heather Bell. Beautiful shade of rich mauve, flowers borne on long stems and are of true Spencer form. 54588 25

Winter Flowering Spencer Varieties

	Pkt.	Oz.
LAVENDER. Bicolor	$0 25	$1 25
" Pink	25	1 25
RED ORCHID	25	1 25
WHITE	25	1 25
YARRAWA. The valuable winter-flowering variety of recent introduction	25	

Thorburn's Special mixed Grandiflora varieties ..... $0 10 oz. $0 35 ¼ lb. $1 25 lb.

Choice Vegetable Seeds

Beet

	Pkt.	Oz.	¼ lb.
Bassano, Early, light color	$0 05	$0 25	$0 75
Crimson Globe. Tender and sweet	05	25	75
Detroit Dark Red Turnip	05	25	75
Dewings, Early	05	25	75
Eclipse, Early Round, bright red	05	25	75
Edmand Blood Turnip	05	25	75
Early Blood Turnip	05	25	75
Egyptian. Extra early; flat	05	25	75
Half Long Blood	05	25	65
Long Blood	05	25	65
Lentz	05	25	75
Trevise (Columbia)	05	25	75
Suttons Globe	05	25	75
Witham Fireball, brilliant red, globe shaped	05	30	85
Swiss Chard	05	25	75

Cabbage

Enkhuizen Glory	10	80	2 00
Early Jersey Wakefield	10	80	2 00
Large Flat Dutch, Thorburn's Private Stock	10	80	2 00
Steins Early Flat Dutch	10	80	2 00
Succession	10	80	2 00

Cauliflower

Thorburn's Gilt-edge	50
Thorburn's Extra-Early Snowball	50
Italian Giant	10	60	2 00
Lenormand short stem	10	75	2 25

Cucumber, for Forcing

Hurst's Monarch—Rochford Market
Hurst's Marvel—Veitchs Sensation
Telegraph

All 25c Per Pkt.

Egg Plant

	Pkt.	Oz.
Round Purple	$0 15	$0 60
New York Purple	50	75
Long Purple	15	60
Florida High Bush	15	60

Endive

	Pkt.	Oz.	¼ lb.
Large Green Curled (De Ruffec)	$0 05	$0 20	$0 50
White Curled	05	20	50
Giant Fringed or Oyster	05	20	50
Escarole	05	20	50

Kohlrabi

Early White Vienna	05	25	75

Lettuce

Big Boston	$0 05	$0 15	$0 50
Denver Market	05	15	50
Giant Crystal Head	05	15	50

LETTUCE—CONTINUED

	Pkt.	Oz.	¼ lb.
Orchid Salad	$0 10	$0 15	$0 50
White Summer Cabbage	05	15	50
Romaine, or Cos.	05	15	50
Iceberg	05	15	50
Wayahead	05	15	50
Red Cos.	05	15	50

Melon, for Forcing

Imported frame sorts for growing under glass 25c. per Pkt.

Onion

	Pkt.	Oz.	¼ lb.
White Barletta	$0 10	$0 60	$2 00
White Bermuda (Yellow) (Teneriffe grown)	10	60	2 00
White Bermuda (True Crystal Wax). (Teneriffe-grown)	15	70	2 25
Red Bermuda	10	60	2 00
White Silver Skin	10	60	2 00
Red Wethersfield	10	45	1 50

Parsley

Extra curled	05	15	35
Plain	05	10	25

Radish

Turnip, Early Scarlet	05	20	50
Early White Forcing	05	20	60
Winter Scarlet Chinese	05	20	50
Half Long Gray Spanish	05	20	50
Half Long White Forcing	05	20	50
Round Black Spanish	05	25	75
Long Black Spanish	05	15	50
White Strasburg	05	15	50

Spinach

Round	05	20	65
Lettuce leaved	05	20	65

Turnip

Red Top White Globe	05	25	75
Red Top Strap Leaf	05	25	75
Golden Ball	05	20	60
Kashmyr Scarlet	05	20	60
White Rutabaga	05	25	75
Bangholm Swede	05	25	75
Yellow Perfection Rutabaga	05	20	65

Mushroom Spawn

Cultural directions in our General Catalogue. Anyone requiring fuller details should get Wm. Falconer's book on Mushroom Culture, sent postpaid for $1.

English Spawn. In bricks, weighing about 1½ lbs. Per brick, 25 cts.; 10 bricks, $2.25, 100 bricks $18.00.

American Pure Culture Spawn. Direct bricks, latest strain, weighing about 1 lb. Per brick, 35 cts.; 10 bricks, $3.25, 100 bricks, $25.00.

French Spawn. Per 2 lb. box, $1.40.

Insecticides and Remedies for Plant Diseases

PRICES FLUCTUATE ALMOST DAILY, AND WILL BE GIVEN ON APPLICATION.
Liquids and a few strong smelling articles cannot be sent by Parcel Post

APHINE. Has no equal for the destruction of green, black or white fly, thrips, red spider, mealy bug, etc. Use one part to forty of water. Does not injure the most tender plants.

¼-pt. | Pt.
½-pt. | Qt.

ARSENATE OF LEAD. Does not injure tender foliage.

Lb. | 5 lbs.

Atomizer "Woodason Liquid"—

Large
Small

BORDEAUX MIXTURE. For all fungous diseases.

Dry—

1 lb. box | 5 lbs.

Liquid—

Qt. 0 00 | Gal.

BUG DEATH. This is a fungicide, insecticide and plant-food combined, and contains neither paris green nor arsenic.

1-lb. pkg. | 5-lb. pkg.
3-lb. pkg. | 12½ lb. pkg.

Eureka Fumigator—

No. 2
No. 3

FIR-TREE OIL. For greenhouse and house plants. Destroys insects without injuring plant. Dilute one pint to twenty gallons of water. Apply with vaporizer or syringe.

½-pt. | Qt.
Pt. | ½ Gal.
Gal.

INSECTICIVES—CONTINUED

FISH-OIL SOAP. For washing trees and destroying all insects on the bark.
1 lb. box ..... | 10 lbs. .....
5 lbs. ..... | 100 lbs. .....

FUMIGATORS ..... Each

GRAPE DUST, Hammond's. For the prevention of of mildew on roses, grapes, gooseberries, etc. Apply with bellows.
5-lb. pkg. ..... | 10-lb. pkg. .....

KEROSENE EMULSION. For cabbage worms, scale on trees, caterpillars, melon lice, rose bugs, etc. Dilute twenty-five to fifty parts.
Qt. ..... | 1-gal. .....

LEMON OIL. For destroying scale, caterpillar, mealy bug, etc. Directions on can.
½-pt. ..... | Qt. .....
Pt. ..... | Gal. .....

NICO-FUME TOBACCO PAPER. For fumigating. Does not injure blooms. In tins.
24 sheets ..... | 144 sheets .....
288 sheets .....

NICO-FUME LIQUID. For fumigating or spraying. Effective against green fly, mealy bug, etc. For spraying, one to two teaspoonfuls to a gallon of water.
¼-lb. ..... | 4-lbs. .....
Lb. ..... | 8-lbs. .....

PARIS GREEN. Mix at rate of one pound to two hundred gallons of water. Effective against all chewing insects.
½-lb. can ..... | ½-lb. can .....
1-lb. can .....

SCALECIDE. Petroleum oil that mixes at once with cold water and stays mixed. No hot water necessary. Add one gallon for every fifteen to twenty gallons of water.
Qt. ..... | Gal. .....
5-gals .....

SLUG-SHOT, Hammond's. Excellent for destroying cabbage, turnip and beet flies, potato bugs, currant worms, etc.
5-lb. pkg. ..... | 10-lb. pkg. .....

SULPHUR, POWDERED. Protects against mildew on grapes, roses, etc.
Lb. ..... | 10-lbs. .....

TOBACCO DUST—
Ordinary Kind. For dusting.
Lb. ..... | 10 lbs. .....
5-lbs. ..... | 100 lbs. .....
Stoothoff's "Black Dust." For dusting
50-lbs. ..... | 10-lbs. .....
Stoothoff's "Fumigating Kind." For burning.
50-lbs. ..... | 100-lbs. .....

TOBACCO STEMS. For fumigating plants. In bales of about 100-lbs.

TREE TANGLEFOOT. A sticky substance applied directly to the bark to protect trees against climbing insect pests. One application remains sticky, fully exposed to weather, three months. One pound will make a band 7 to 8 feet long and about 6-inches wide.
1-lb. can ..... | 10-lb. can .....
3-lb. can ..... | 20-lb. can .....

Thorburn's High Grade Fertilizers

All f. o. b., N. Y.

Prices on Application.

Thorburn's Complete Manure

Per ton ..... | 50-lbs. .....
Single bag of 100-lbs. ..... | 25-lbs. .....
Bag of 200-lbs. ... | 10-lbs. .....

Thorburn's Lawn Fertilizer

Per ton ..... | 50-lbs. .....
Bag of 100-lbs..... | 25-lbs. .....
Bag of 200-lbs..... | 10-lbs. .....

Pure Ground Bone Meal, No. 1

Finely Pulverized

5-lbs. ..... | 50-lbs. .....
10-lbs. ..... | 100-lbs. .....
25-lbs. ..... | Per ton .....

Ground Bone No. 2

Coarser than No. 2

100-lbs ..... | ½ ton .....
¼ ton ..... | Ton .....

THOMPSON'S VINE MANURE. Unrivaled for vines, tomatoes, cucumbers, fruit trees, and all foliage, flowering and fruit-bearing plants and outdoor plants of every description. Splendid for lawns, etc.
Per cwt. (112-lbs.) .....
½ cwt. (56-lbs.) .....

BOWKER'S AMMONIATED FOOD FOR FLOWERS. The best dressing for potted plants.
Small pkg. ..... | Large pkg. .....

HARD-WOOD ASHES. Highest grade, extra screened, unleached.
Bags, 100-lbs. .... | Per ton .....

Pulverized Sheep Manure

1-lb-pkg. ..... | 50-lbs. .....
5-lb. pkg. ..... | 100-lbs. .....
25-lbs. ..... | Ton .....

Agricultural Salt

For Asparagus Beds, etc., in bags of about 200 lbs. —not less than one bag sold.

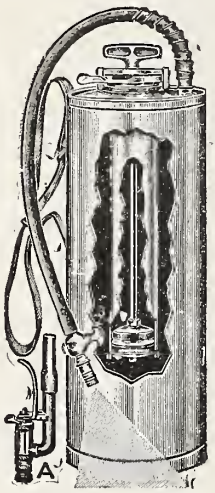
Pulverized Limestone

Made from the purest Crystalline White Limestone obtainable, and analyzes about 97 per cent Carbonate.

Horticultural Implements, etc.

Prices fluctuate, will be given on application

Tye's Hyacinth Glass



"Auto-Spray" Pump

Flower or Tree Tubs

New York Style Tree Tubs. Made of clear timber. Painted green.

Flower Vases. Indurated wood-fibre; for cut-flowers.

Bamboo Canes, Japanese. 6 feet long. Not less than 100 sold.

Carnation Supports. Galvanized.

Glazing Points, Tiger Brand. per 1,000
Pincers for same, each.

Grafting Wax. The best grade, ¼-lb. pkg.
½-lb. pkg. lb. pkg.

English Hedge Shears—

Hotbed Sash. Best quality. Packing at cost.

Hyacinth Glasses, Tall or Tye's Shape. Blue, Green, and Purple. Either style, 25c each, $2.50 per doz.

LABELS—Wooden Pot and Garden

WOODEN, NOTCHED TREE

3½-inch copper wire.....

Mastica. For glazing greenhouses, sashes, etc.

Mastica Glazing Machines.

Rakes. All kinds. See General Catalogue.

Glass Cutters.

SHEARS—
Wiss' Solid Steel Pruning. The best American shear. Detachable blades. 9 in.....
10-in. .....

Syringes—all Brass—

Sprinklers, all for ¾-inch hose.

Ring Sprinkler .....
Water Witch, No. 3.....
No. 4 .....

Hotchkiss Lawn Sprinkler No. 55. Made of brass. nickel-plated; malleable iron runners; 3 arms. Covers an area 30 feet in diameter.

Hotchkiss Lawn Sprinkler No. 65. Combination sprinkler and fountain. Brass and nickel-plated malleable iron runners. Covers an area 40 feet in diameter.

Shower Sprinkler. Mounted on holder for sprinkling lawns—or can be attached to hose for washing sidewalks, etc. Cannot clog or get out of order; will not rust. Holder and nozzle complete.

Thermometers. Hotbed and mushroom bed. Brass tips; made for plunging.
Self-Registering, Polished Back. For indoor use; will register extremes of heat and cold; made of hardwood. A magnet is used to draw back the indicating points.

Rubber Hose

(Three-quarter inch)

Our hose is carefully selected, made of first-class material, and coupled at both ends, in 25- or 50-foot lengths.
Electric.
Thorburn Standard.
X. 6-ply. per ft.
XXX. 7-ply. per ft.

Bucket Spray Pump

Made of brass; easily operated; throws a solid stream 50-feet. Provided with combination nozzle and sprinkler for flowers. 8-foot extension for spraying large trees. Extra. Also valuable for washing windows.

"Auto-Spray" Pump

Self-operating, durable, easy to carry and to work. Made of galvanized iron or brass, with 4-ply rubber hose. For spraying trees, shrubs, cleaning windows, etc.

Water Ballast Roller

One- or two-section "Water Weight" Rollers, without counterbalancing handle-weights.

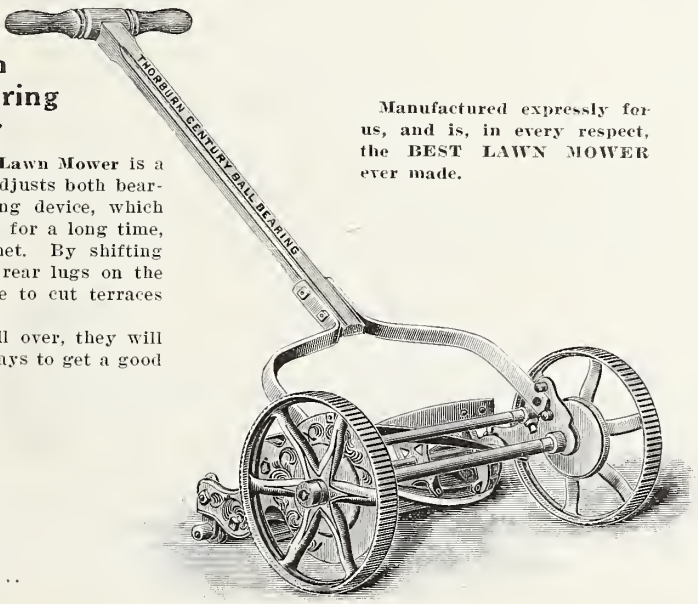
HORTICULTURAL IMPLEMENTS AND GARDEN REQUISITES, continued
ALL NET CASH
POSTAGE, EXPRESS OR FREIGHT CHARGES TO BE PAID BY PURCHASER PRICES

The Thorburn Century Ball-Bearing Lawn Mower

Thorburn's Century Ball-Bearing Lawn Mower is a marvel of simplicity, as one screw adjusts both bearings. It has a simple, self-adjusting device, which keeps the bearing properly adjusted for a long time, and a double interchangeable ratchet. By shifting handle bails from the front to the rear lugs on the side frame, the Mower can be made to cut terraces and steep banks.

While cheaper mowers are sold all over, they will be found far dearer in the end. It pays to get a good mower.

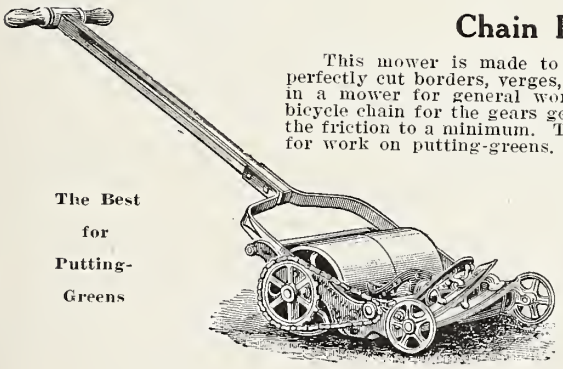
14-inch to 20-inch cut



Manufactured expressly for us, and is, in every respect, the BEST LAWN MOWER ever made.

Lawn Trimmer

8-inch .....



The Best for Putting-Greens

Chain Roller or Golf Mower

This mower is made to meet the demand for a machine that will more perfectly cut borders, verges, etc., and yet retain all the other features necessary in a mower for general work. Its great advantage is the substitution of a bicycle chain for the gears generally used in this style of mower. This reduces the friction to a minimum. The machine with six blades is highly recommended for work on putting-greens.

12-inch to 18-inch cut
4 blades or 6 blades

Grass-Catcher

14-inch to 20-inch

Improved Horse Lawn Mower

This well-known standard mower has side draft attachment, to enable the horse to walk on the cut grass only, and caster-rollers which will not mark the lawn. Evenness of cut is assured by an adjustment which raises or lowers the two sides at the same time by means of a simple lever movement; the same lever serves the purpose of raising the knives from the ground when driving over gravel walks or roads.

NET PRICES, free on board, New York

35-in. cut, complete, 4 blades.....
40-in. cut, complete, " .....
25-in. cut, no shafts, 4 blades.....
30-in. cut, complete, " .....

Lawn Grass Seed Mixtures for Autumn Sowing

Autumn sowing is recommended from the latter part of August to the middle of September, so that the young grass may become well rooted before winter sets in. The sowing should be done when the ground is moist or before expected rain; after sowing the ground should be rolled.

Prices of all Lawn Grasses include free delivery in the United States, by Freight, Express, or Mail at our option.

THE THORBURN LAWN GRASS

Many of the finest lawns in America were produced from this mixture. It is composed of permanent grasses that make a finer and thicker turf the older they become, and yet give a rich greensward in three or four weeks from the time of sowing. (The ordinary Central Park Lawn Grass Seed as usually sold is not to be compared with this superior mixture.) It should be sown at the rate of 80 to 100 lbs. to the acre. One pound of our Lawn Grass will sow a plot of 400 or 500 square feet.

½ lb.....$0.30	2 lbs.....$1.00	10 lbs.....$3.50
1 lb..... .55	5 lbs..... 2.00	25 lbs..... 8.00
	100 lbs.....$30.00	

Thorburn's Grass Mixture for Shady Spots on Lawns

A mixture of grasses that thrive in shaded situations under trees, or close to walks where there is little sun.

1 lb.....$0.60	10 lbs.....$4.00
2 lbs..... 1.10	25 lbs..... 9.00
5 lbs..... 2.25	100 lbs.....33.00

Thorburn's Grass Mixture for Terraces

A mixture of fine stoloniferous grasses peculiarly adapted to terraces.

1 lb.....$0.60	10 lbs.....$4.00
2 lbs..... 1.10	25 lbs..... 9.00
5 lbs..... 2.25	100 lbs.....33.00

Thorburn's Lawn-Restoring Grass Seed

A mixture of grasses that will take firm hold and grow quickly on hard, worn-out or burned spots. Some **Lawn-restoring Grass Seed** should be sown before every summer rain on thin places.

1 lb.....$0.65	10 lbs.....$4.50
2 lbs..... 1.25	25 lbs.....10.00
5 lbs..... 2.50	100 lbs.....37.00

Thorburn's Lawn Grass for the South

A mixture of grasses that stand extremes of heat and drought, and that are, therefore, peculiarly adapted to southern lawns.

1 lb.....$0.65	10 lbs.....$4.50
2 lbs..... 1.25	25 lbs.....10.00
5 lbs..... 2.50	100 lbs.....37.00

Also Permanent Grass Seed for Golf Links, Tennis Courts, Polo Grounds, etc.

We have devoted much attention to the seeding and preservation of golf links, tennis-courts and polo-grounds, and offer the following mixtures, which have been used on most of the finest links, etc., in this country with very satisfactory results.

Bags (at cost) and Transportation Extra

Tennis-Court Mixture

A mixture of extra-fine grasses peculiarly adapted to tennis-courts. This mixture will make a firm, green and lasting turf of the finest texture, that will improve with trampling.

1 lb.....$0.60	10 lbs.....$4.00
2 lbs..... 1.10	25 lbs..... 9.00
5 lbs..... 2.25	100 lbs.....33.00

Grass Mixture for Railroad Banks, etc.

A mixture of grasses with long, interlacing, matting roots that will bind steep embankments, gravelly or sandy slopes, etc., preventing washouts by rainstorms and covering them with permanently green turf.

1 lb.....$0.55	10 lbs.....$3.50
2 lbs..... 1.00	25 lbs..... 8.00
5 lbs..... 2.00	100 lbs.....30.00

Fair-Green or Golf Links Mixture

For the grounds in general.

25 lbs.....$9.00	100 lbs.....$35.00

Putting-Green Mixture

A mixture of extra-fine highest grade grasses that will make a close, firm, green and lasting turf, which will improve with trampling.

5 lbs.....$2.50	25 lbs.....$11.00
10 lbs..... 4.50	100 lbs..... 40.00

Polo-Grounds Mixture

A mixture of fine-leaved and deep-rooting grasses, forming a strong and lasting turf that will stand hard usage.

25 lbs.....$9.00	100 lbs.....$35.00

Index

A Page

Abutilon 23
Acacia 23
Achimenes 21
Ageratum 23
Allium 12
Alyssum 22
Amaryllis 12
American Wood Lily, or Indian Shamrock 20
Anemone, or Windflower..13
Apios 21
Aquilegia 22
Arabis 22
Arum 13
Asparagus 23
Astilbe 20
Autumn Crocus 21

B

Begonia Seed 23
Begonia, Tuberous-rooted..13
Bleeding Heart 21
Bocconia 22
Bone Meal 26
Brodiaea 13
Bulbocodium 21

C

Calendula 23
Calla 13, 19
Camassia 21
Campanula 22
Campernelle 10
Candytuft 22, 23
Centaurea 22
Chionodoxa 21
Christmas Flowering Sweet Peas 24
Cineraria 23
Colchicum 21
Convallaria 12
Coreopsis 22
Cottage Tulips 6
Cowslip 22
Crinum 15
Crocosmiae 17
Crocus 14
Crown Imperials 14
Cuban Lily 19
Cylamen 15, 23

D

Daffodils 8
Daisy 22
Darwin Tulips 7
Day Lily 21
Delphinium 22
Dianthus 22
Dicentra 21
Double Tulips 7
Dragon Flower 13

E

Early Tulips 5, 6
Eremurus 15

F

Feathered Hyacinths 17
Fertilizers 26
Fleur-de-lis 16

F Page

Flower Seeds for Frames and Greenhouses 23
Flower Seeds, Hardy Annual and Perennial ..22, 23
Forget-me-not 22
Foxglove 22
Freesia 15
Fritillaria 14

G

Gaillardia 31
Galanthus 20
Genista 23
Gladiolus 16
Gloxinia 16
Grape Hyacinths 17
Grass Seed for Autumn Sowing ....
Grevilla robusta 23
Guernsey Lily 18
Gypsophila 22

H

Hemerocallis 21
Heuchera 22
Horticultural Implements, etc. 27
Hyacinths, named 3, 4
Hyacinths, mixed 4
Hyacinths, Roman 5
Hyacinths, Grape 17
Hyacinths, Glasses 27

I

Indian Shamrock 20
Insecticides and Remedies for Plant Diseases ..25, 26
Iris 16, 17
Ixia 17

J

Japan Iris 17
Japan Tree Paeonies 18
Jerusalem Cherry 23
Jonquils 10

K

Kudzu Vine 22

L

Labels 27
Lawn Grass 30
Lawn Mowers 29
Leucojum 21
Lilies 11
Lilium Harrisii 11
Lily-of-the-Nile 19
Lily-of-the-Valley 12
Lupinus 22
Lychnis 22

M

Madonna Lily 11
May-Flowering Tulips 6
Mignonette 23
Miscellaneous Bulbs and Roots 21, 22
Mixed Tulips 8
Montbretia 17
Muscari 17
Mushroom Spawn 25

N Page

Narcissus 8, 10
Nerine 18
New Giant Early Long-season Sweet Peas 24

O

Oxalis 18

P

Paeonies 18
Pansy 23
Paper White Narcissus ..10
Persian Ranunculus 19
Phlox 19
Pinks 22
Pips Lily of the Valley ...12
Polyanthus 22
Polyanthus Narcissus 10
Poppy 22
Primula 23
Pueraria 22
Pyrethrum 22

R

Ranunculus 19
Richardia 19
Rubber Hose 27

S

Scabiosa 22
Scilla 19
Schizanthus 23
Sheep Manure 26
Smilax 23
Snapdragon 22
Snowdrops 20
Snowflake 21
Solanum 23
Spanish Iris 17
Spencer Sweet Peas ..23, 24
Spice Lily 12
Spiraea, or Astilbe 20
Stevia 23
Stocks 23
Stokesia 23
Sweet Peas 23, 24
Sweet William 23

T

Trifolium 23
Trillium 20
Trimardeaw Giant Pansy..23
Tritoma 22
Tulips 5, 6, 7, 8
Turban Ranunculus 19
Tydaea 22

V

Vegetable Seeds 25
Vinca 23
Von Sion Narcissus 10

W

Wallflower 23
Watsonia 22

Z

Zephyranthes 22

J.M.THORBURN & CO.
FOUNDED 1802
GTS
SEEDS
NEW YORK